

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031354.D
 Acq On : 4 Dec 2017 19:53
 Operator : SJ/JU
 Sample : PB104664BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:45 PM

Quant Time: Dec 05 05:00:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57096	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	250265	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	166247	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	437308	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	511315	20.00	ng	-0.02
86) Perylene-d12	25.06	264	512685	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	520225	156.24	ng	-0.02
7) Phenol-d6	7.30	99	659432	147.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	374333	88.63	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	320849	119.30	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1092926	94.46	ng	-0.03
78) Terphenyl-d14	20.08	244	2042164	88.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55742	41.25	ng	# 82
3) Pyridine	3.94	79	150115	38.27	ng	89
4) n-Nitrosodimethylamine	3.85	42	70803	38.08	ng	# 88
6) Aniline	7.45	93	106337	18.01	ng	96
8) 2-Chlorophenol	7.70	128	182332	49.62	ng	87
9) Benzaldehyde	7.26	77	66178	21.08	ng	87
10) Phenol	7.33	94	222749	47.82	ng	94
11) bis(2-Chloroethyl)ether	7.54	93	155777	41.88	ng	88
12) 1,3-Dichlorobenzene	8.01	146	189076	43.86	ng	96
13) 1,4-Dichlorobenzene	8.16	146	193913	44.39	ng	96
14) 1,2-Dichlorobenzene	8.48	146	186636	44.51	ng	97
15) Benzyl Alcohol	8.37	79	144713	40.22	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	227701	55.42	ng	92
17) 2-Methylphenol	8.58	107	148469	45.77	ng	93
18) Hexachloroethane	9.21	117	66079	43.46	ng	91
19) n-Nitroso-di-n-propylamine	8.93	70	121928	35.75	ng	# 93
20) 3+4-Methylphenols	8.91	107	206723	44.81	ng	93
22) Acetophenone	8.95	105	242962	38.99	ng	# 93
24) Nitrobenzene	9.34	77	183527	42.54	ng	# 89
25) Isophorone	9.86	82	340696	41.36	ng	# 92
26) 2-Nitrophenol	10.05	139	103358	45.96	ng	# 85
27) 2,4-Dimethylphenol	10.11	122	168871	50.58	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	218962	42.21	ng	# 94
29) 2,4-Dichlorophenol	10.60	162	194160	48.43	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	214350	44.78	ng	96
31) Naphthalene	10.99	128	530325	43.11	ng	98
32) Benzoic acid	10.27	122	79072m	30.74	ng	
33) 4-Chloroaniline	11.12	127	59144	10.98	ng	# 90
34) Hexachlorobutadiene	11.27	225	139025	41.88	ng	97
35) Caprolactam	11.87	113	66313m	40.49	ng	
36) 4-Chloro-3-methylphenol	12.23	107	191094	43.80	ng	# 89
37) 2-Methylnaphthalene	12.59	142	416552	43.86	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	257500	39.03	ng	96
40) Hexachlorocyclopentadiene	12.93	237	221827	89.45	ng	92

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 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	173931	46.11	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	189590	45.94	nq	# 93
45) 1,1'-Biphenyl	13.58	154	546525	39.64	nq	97
46) 2-Chloronaphthalene	13.63	162	453592	45.60	nq	96
47) 2-Nitroaniline	13.84	65	121217	41.12	nq	# 76
48) Acenaphthylene	14.48	152	691703	42.49	nq	99
49) Dimethylphthalate	14.20	163	605703	42.14	nq	99
50) 2,6-Dinitrotoluene	14.32	165	138995	46.91	nq	# 74
51) Acenaphthene	14.81	154	430972	42.39	nq	99
52) 3-Nitroaniline	14.66	138	63306	20.12	nq	# 79
53) 2,4-Dinitrophenol	14.88	184	106039	66.15	nq	# 47
54) Dibenzofuran	15.15	168	719326	44.42	nq	99
55) 4-Nitrophenol	14.99	139	189158	84.41	nq	# 74
56) 2,4-Dinitrotoluene	15.12	165	202184	47.20	nq	# 71
57) Fluorene	15.79	166	575995	43.81	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	188547	47.93	nq	# 89
59) Diethylphthalate	15.55	149	605166	41.45	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	345715	43.54	nq	91
61) 4-Nitroaniline	15.82	138	146425	43.96	nq	86
62) Azobenzene	16.07	77	478975	43.01	nq	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	100230	34.48	nq	# 74
65) n-Nitrosodiphenylamine	15.99	169	540081	40.76	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	228658	41.28	nq	97
67) Hexachlorobenzene	16.80	284	234424	39.83	nq	95
68) Atrazine	16.94	200	232812	42.58	nq	98
69) Pentachlorophenol	17.15	266	218592	67.19	nq	97
70) Phenanthrene	17.53	178	1006955	44.22	nq	99
71) Anthracene	17.63	178	1032690	45.26	nq	99
72) Carbazole	17.90	167	952761	44.57	nq	99
73) Di-n-butylphthalate	18.43	149	1093092	41.65	nq	99
74) Fluoranthene	19.54	202	1339514	46.46	nq	98
76) Benzidine	19.71	184	383951	23.38	nq	97
77) Pyrene	19.89	202	1374558	45.30	nq	96
79) Butylbenzylphthalate	20.76	149	535532	44.27	nq	# 83
80) Benzo(a)anthracene	21.75	228	1378075	43.39	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	289960	22.62	nq	# 99
82) Chrysene	21.82	228	1315436	44.77	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	744373	42.63	nq	99
84) Di-n-octyl phthalate	22.84	149	1269477	44.66	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1539685	43.11	nq	# 80
87) Benzo(b)fluoranthene	24.01	252	1379482	44.48	nq	99
88) Benzo(k)fluoranthene	24.08	252	1371446	44.62	nq	97
89) Benzo(a)pyrene	24.91	252	1351005	45.86	nq	98
90) Dibenzo(a,h)anthracene	28.90	278	1284891	42.67	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1260435	43.13	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

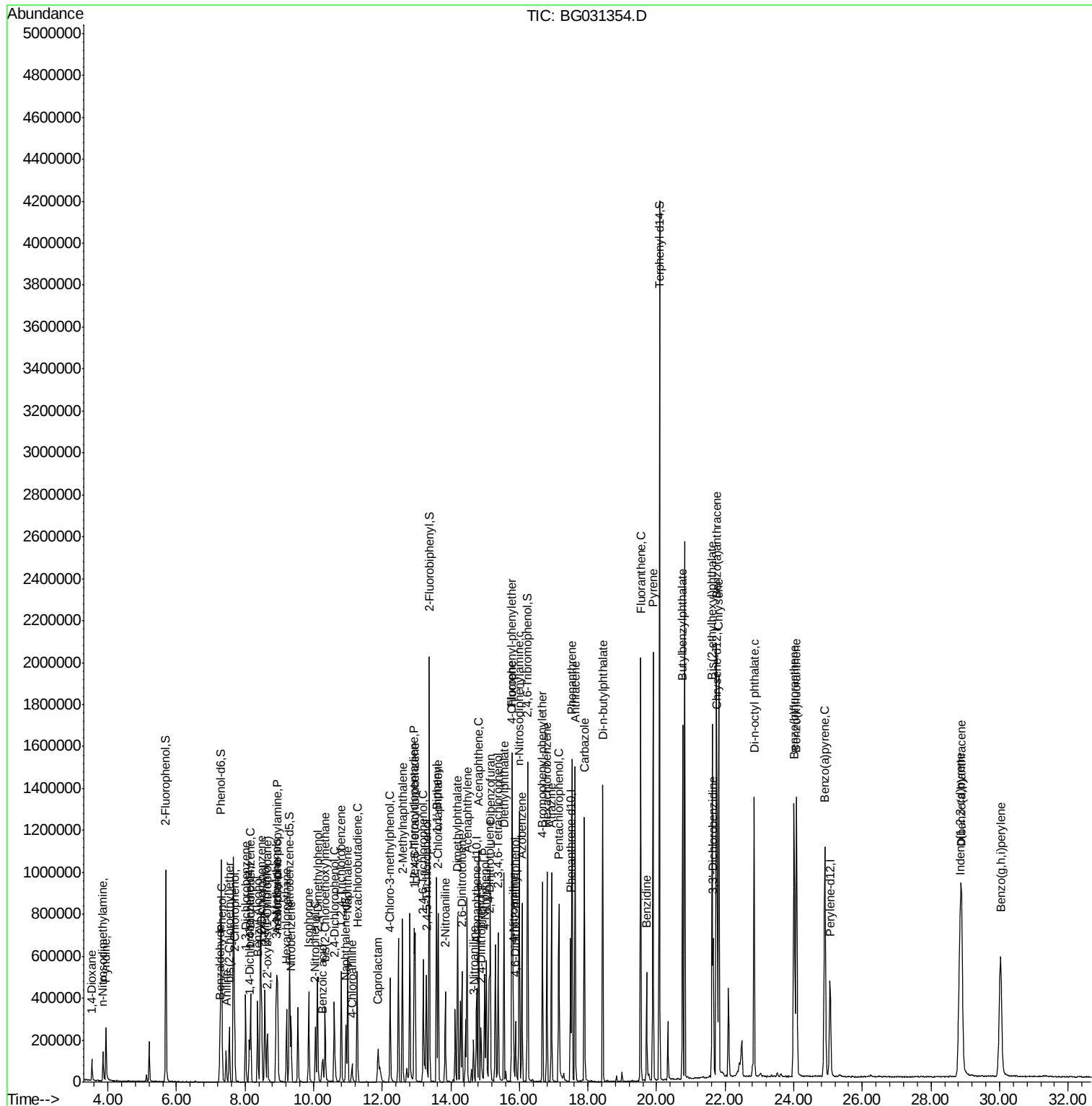
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Sample    : PB104664BS  
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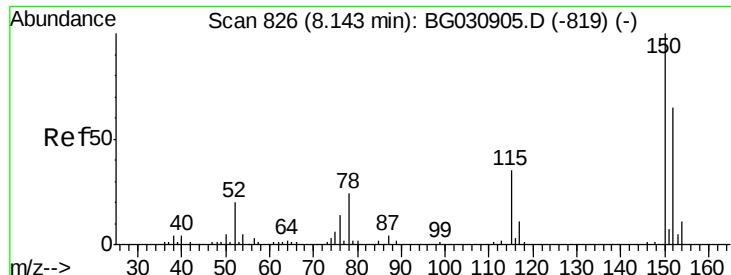
Instrument :
BNA_G
ClientSampleId :
PB104664BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

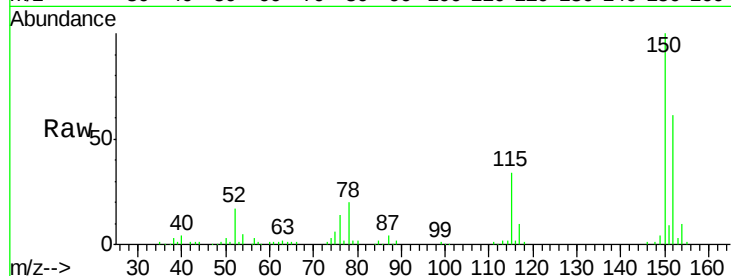
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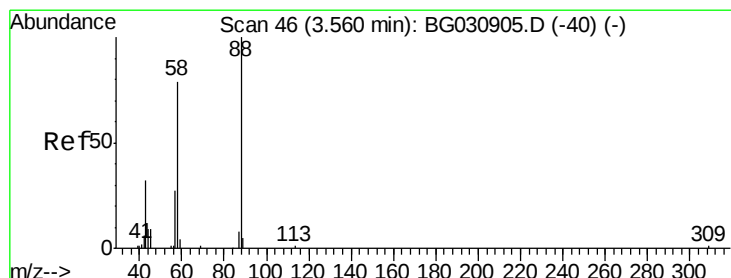
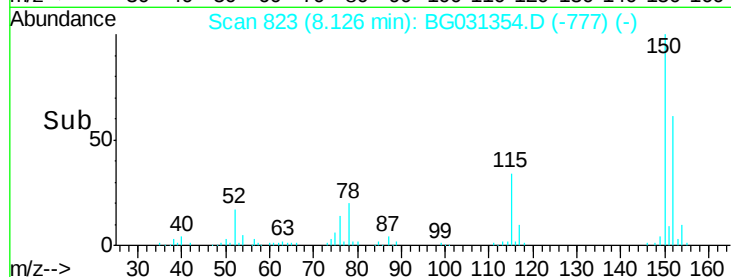
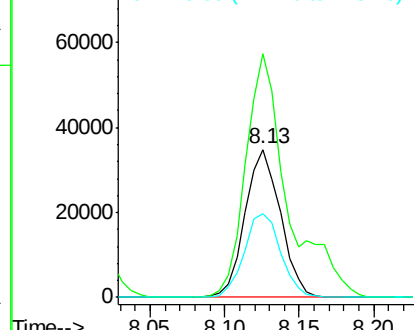
Tot Ion:	152	Resp:	57096
Ion Ratio	Lower	Upper	
152	100		
150	164.3	126.6	189.8
115	56.5	53.0	79.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.25 ng

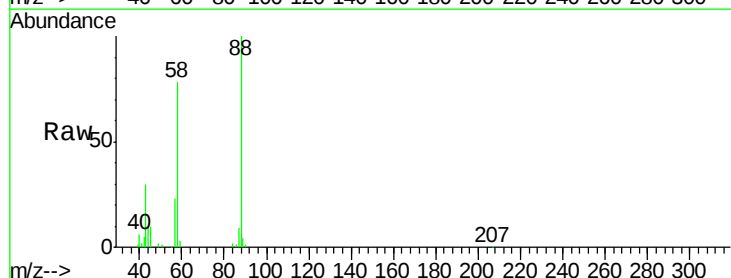
RT: 3.53 min Scan# 41

Delta R.T. -0.04 min

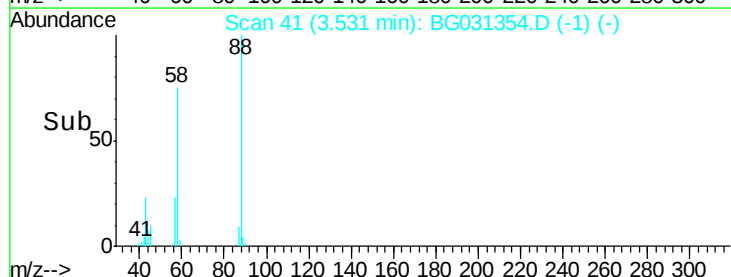
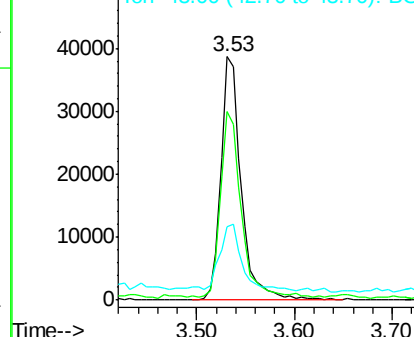
Lab File: BG031354.D

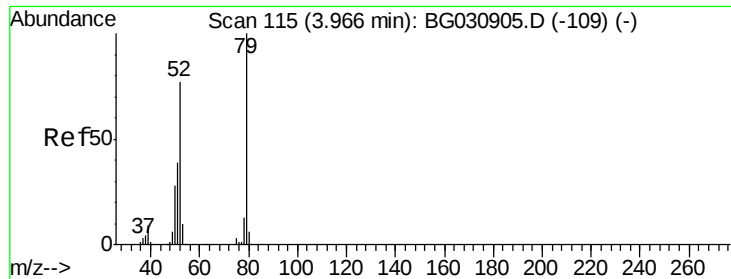
Acq: 4 Dec 2017 19:53

Tgt Ion:	88	Resp:	55742
Ion Ratio	Lower	Upper	
88	100		
58	78.4	79.6	119.4#
43	29.1	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.27 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

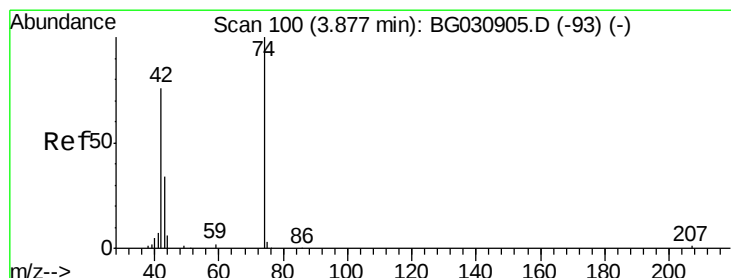
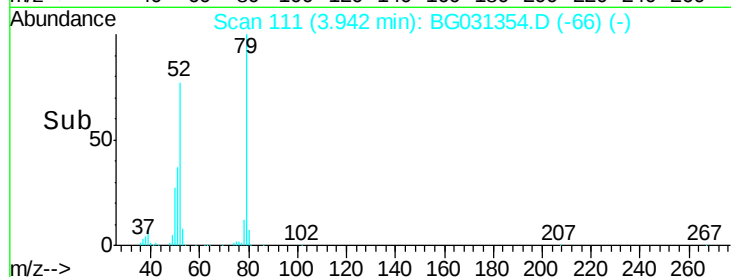
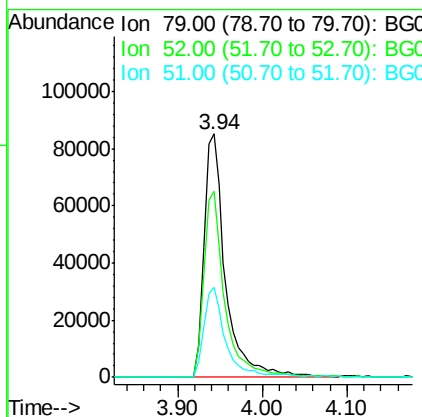
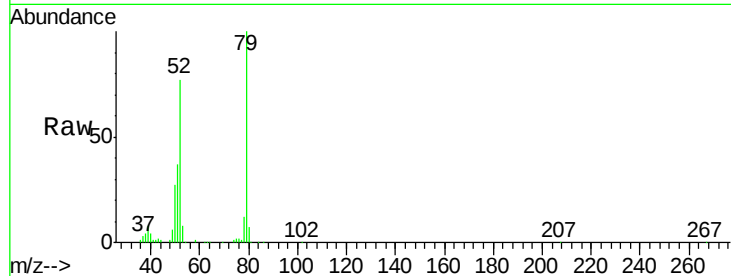
ClientSampled :

PB104664BS

Tot Ion:	79	Resp:	150115
Ion Ratio	Lower	Upper	
79	100		
52	76.5	69.9	104.9
51	36.8	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.08 ng

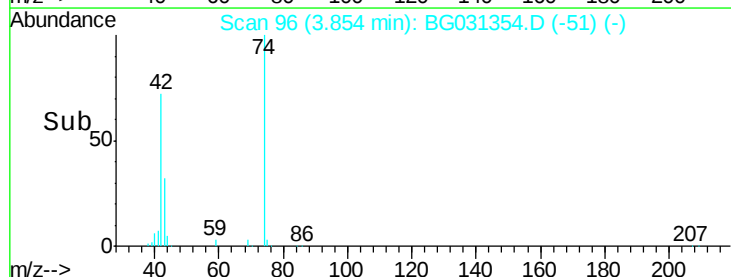
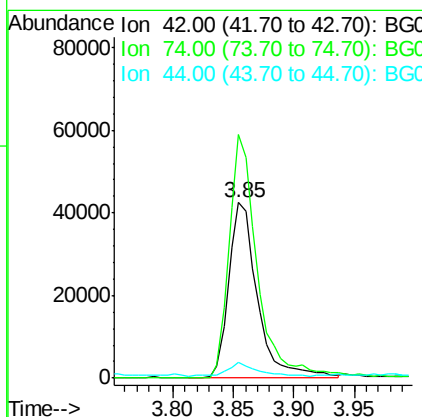
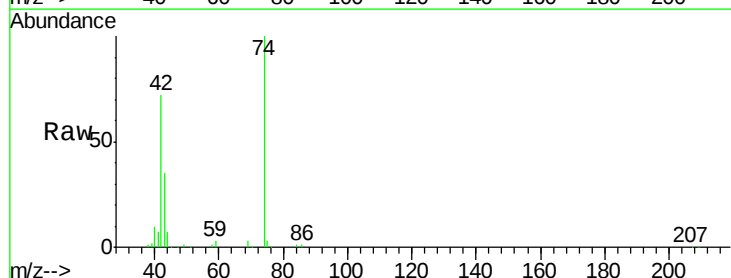
RT: 3.85 min Scan# 96

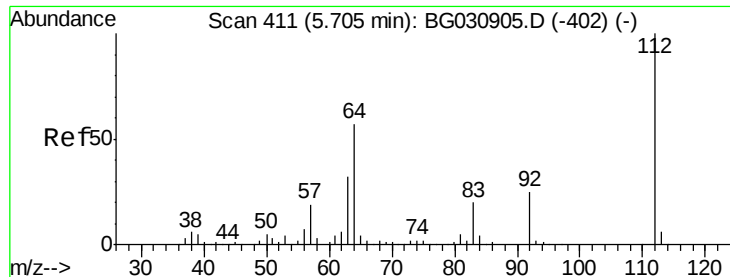
Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	42	Resp:	70803
Ion Ratio	Lower	Upper	
42	100		
74	138.7	102.5	153.7
44	9.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 156.24 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

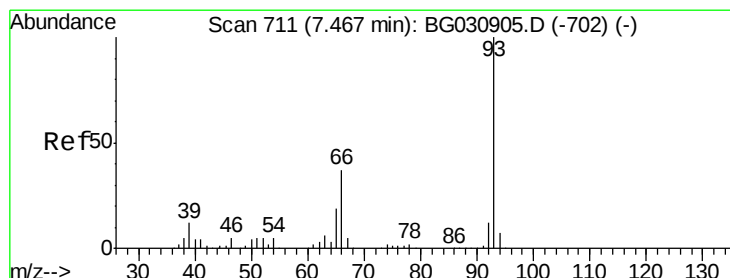
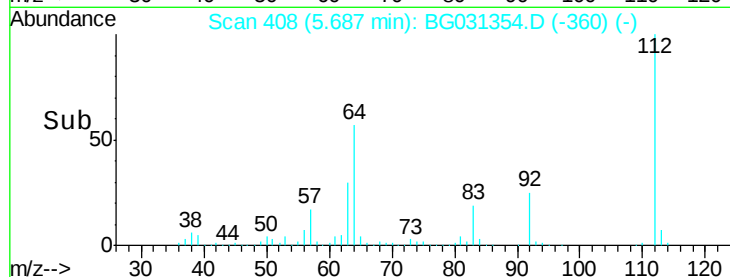
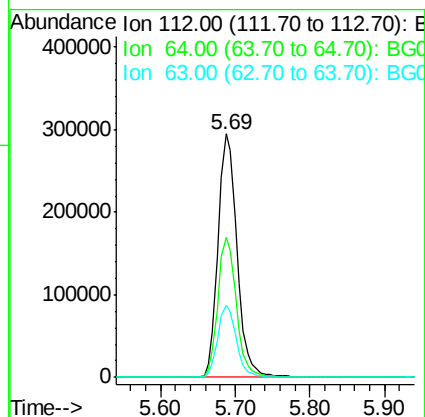
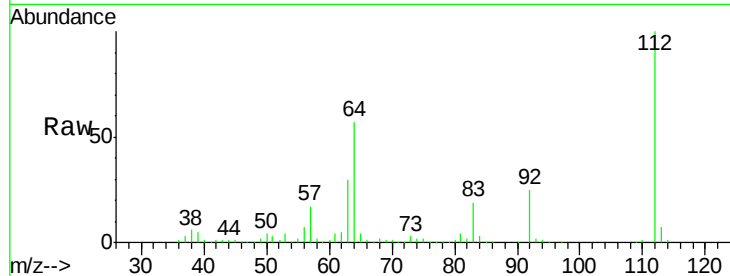
ClientSampleId :

PB104664BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.4	56.3	84.5
63	29.8	30.1	45.1#

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#6

Aniline

Concen: 18.01 ng

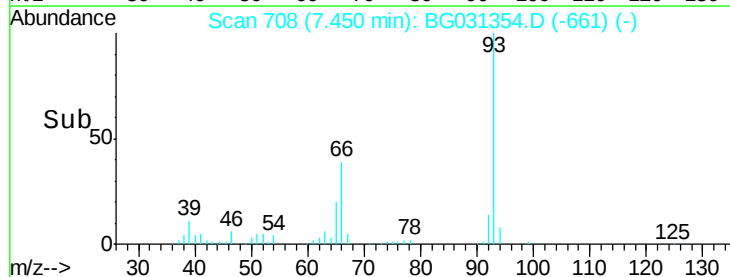
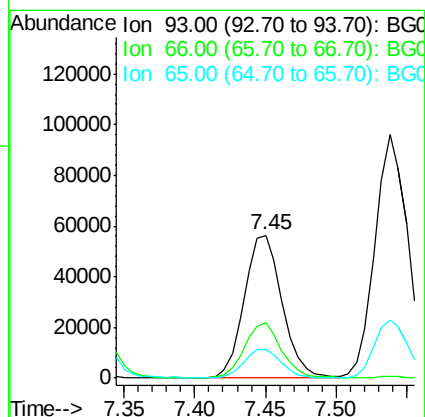
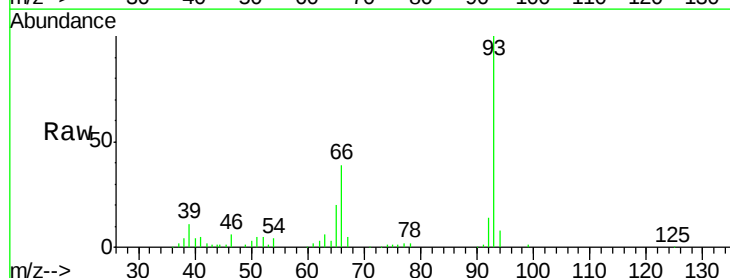
RT: 7.45 min Scan# 708

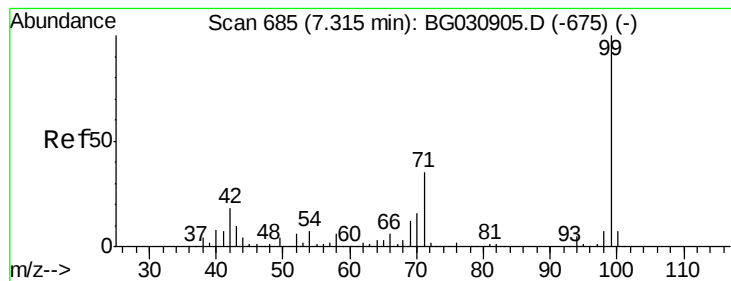
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.5	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 147.00 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

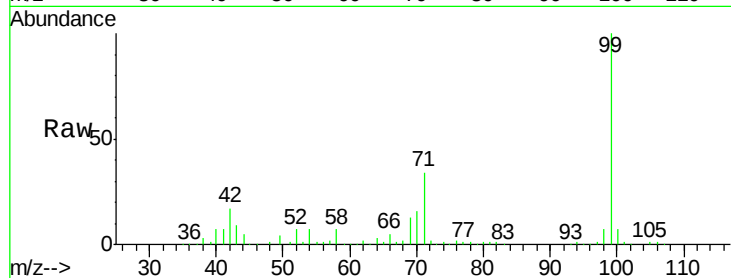
ClientSampleId :

PB104664BS

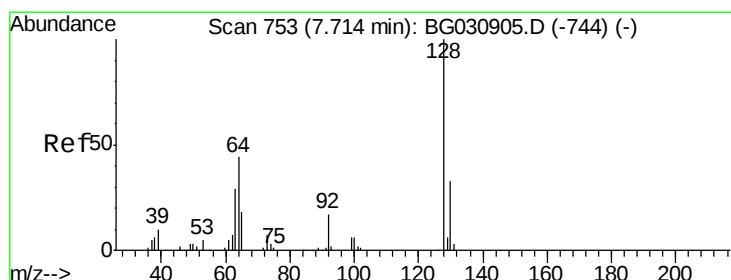
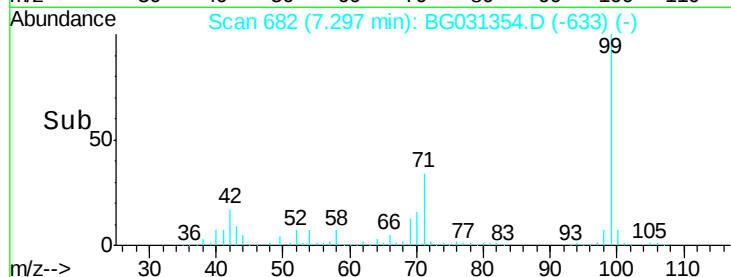
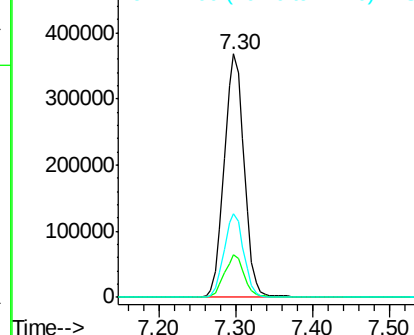
Tot Ion:	99	Resp:	659432
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.1	21.1
71	34.5	26.1	39.1

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.62 ng

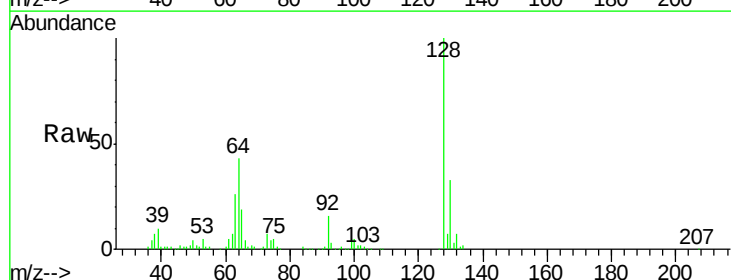
RT: 7.70 min Scan# 750

Delta R.T. -0.02 min

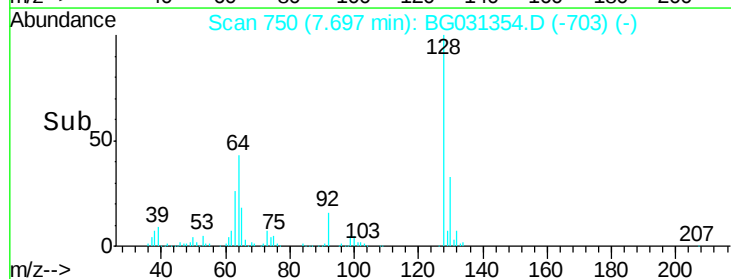
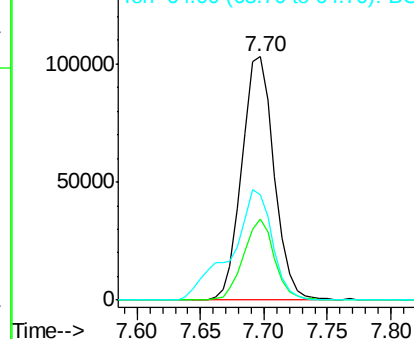
Lab File: BG031354.D

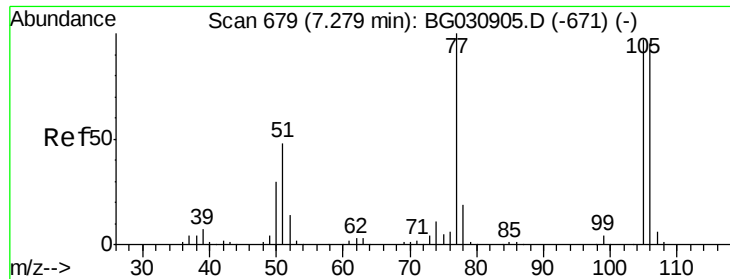
Acq: 4 Dec 2017 19:53

Tgt Ion:	128	Resp:	182332
Ion Ratio	Lower	Upper	
128	100		
130	33.1	14.0	54.0
64	43.1	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.08 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

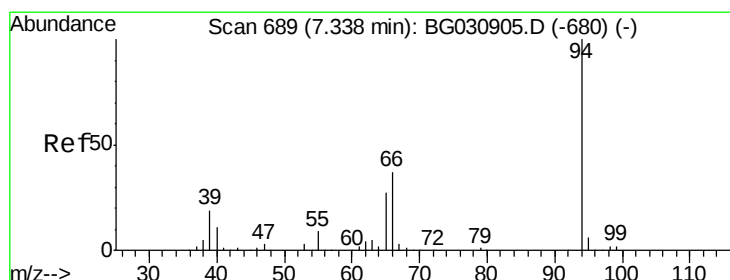
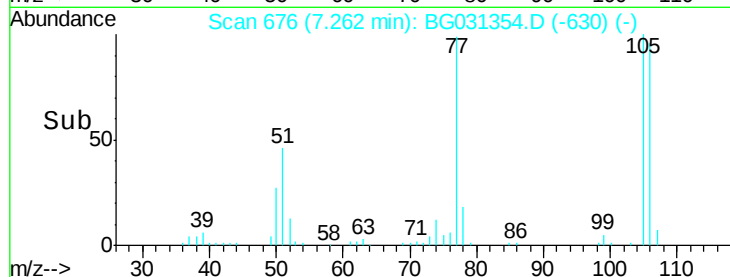
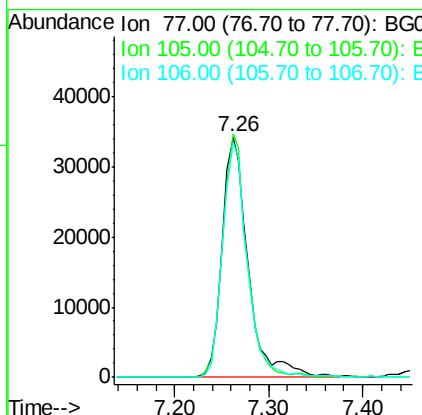
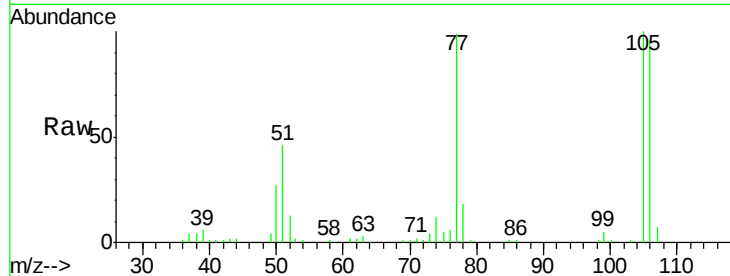
ClientSampleId :

PB104664BS

Tot Ion:	77	Resp:	66178
Ion	Ratio	Lower	Upper
77	100		
105	101.4	71.3	111.3
106	97.8	64.2	104.2

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#10

Phenol

Concen: 47.82 ng

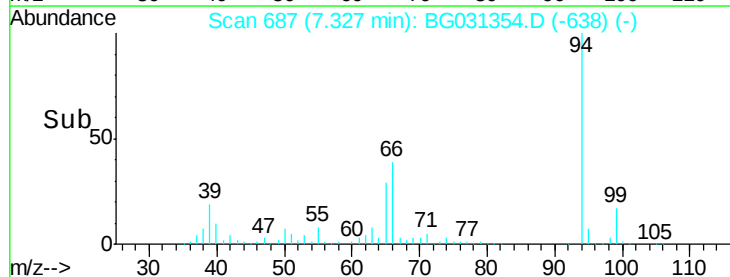
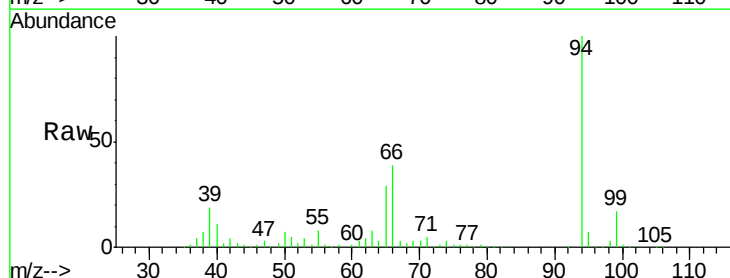
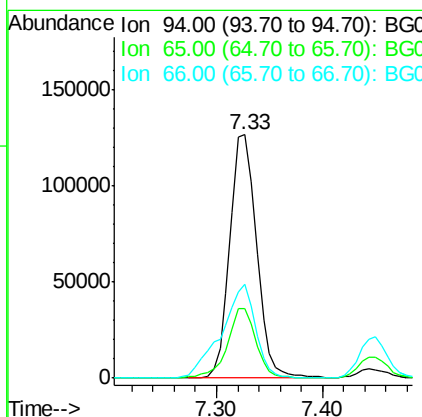
RT: 7.33 min Scan# 687

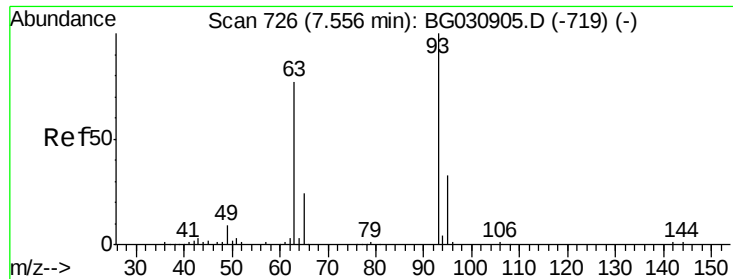
Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	94	Resp:	222749
Ion	Ratio	Lower	Upper
94	100		
65	28.5	11.9	51.9
66	38.7	22.2	62.2





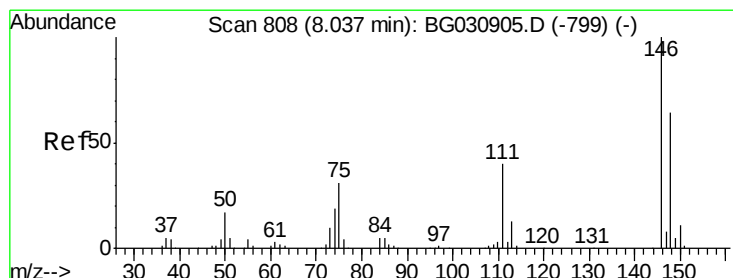
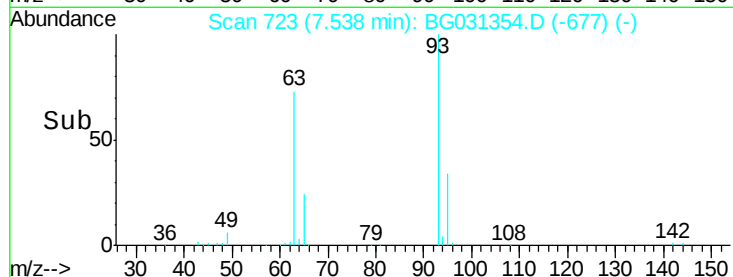
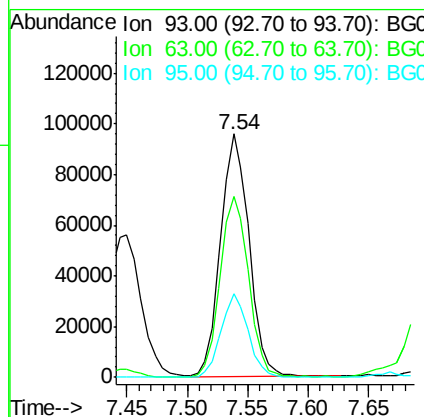
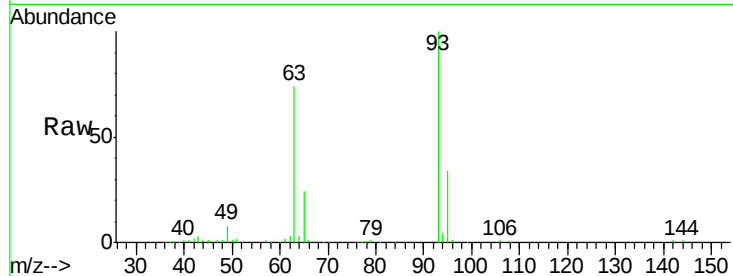
#11
bis(2-Chloroethyl)ether
Concen: 41.88 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	67.1	107.1
95	34.2	11.5	51.5

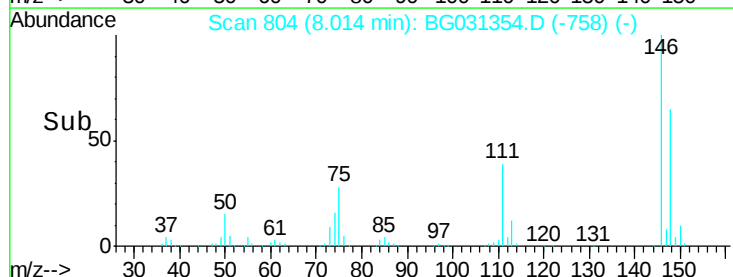
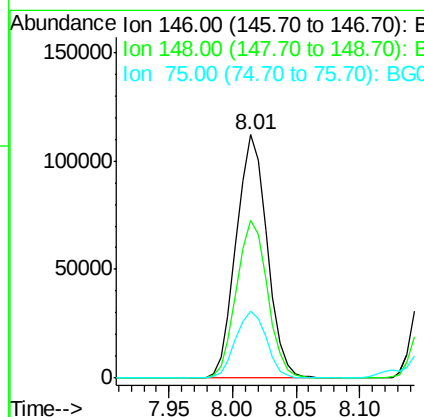
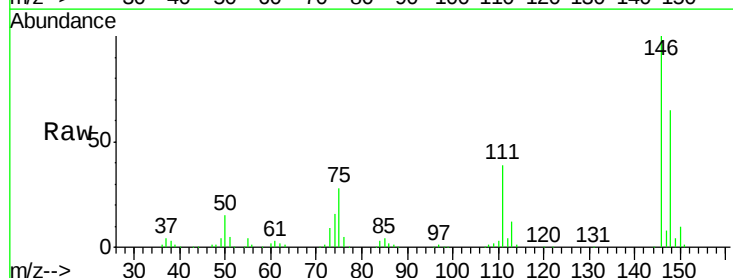
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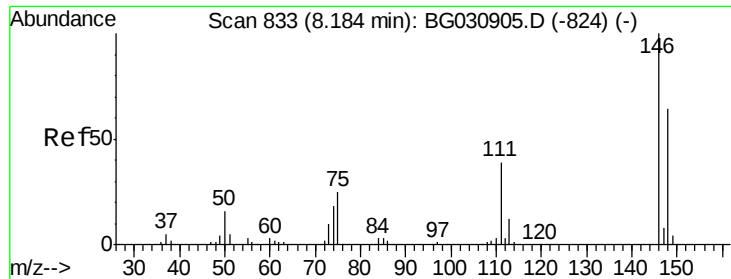
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#12
1,3-Dichlorobenzene
Concen: 43.86 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
75	27.6	26.6	39.8





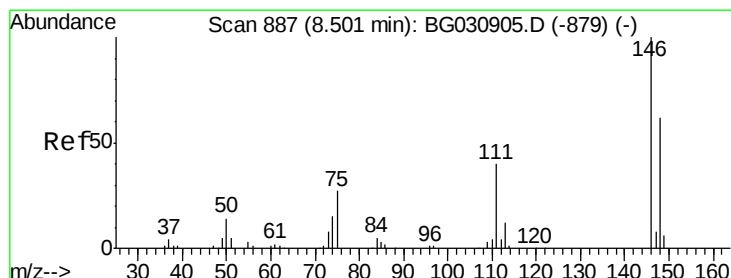
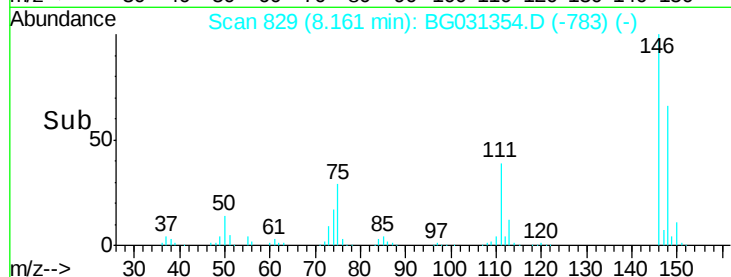
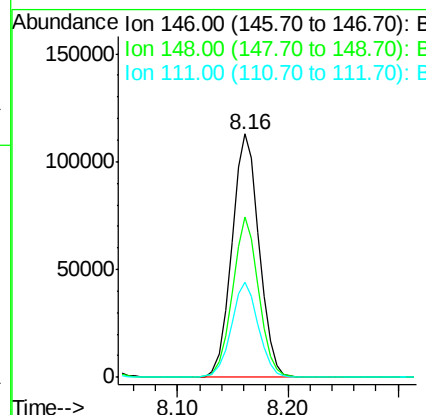
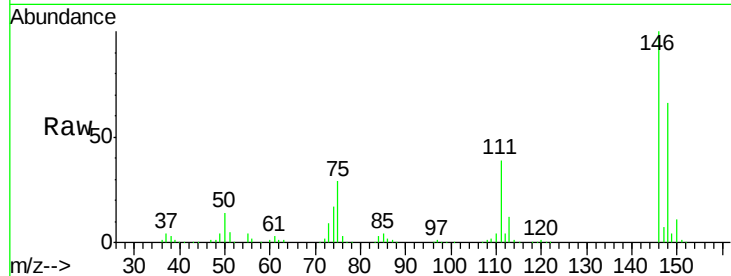
#13
 1,4-Dichlorobenzene
 Concen: 44.39 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampled :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.7	80.5
111	39.3	35.2	52.8

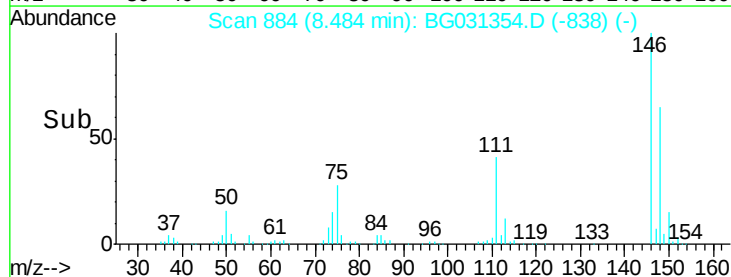
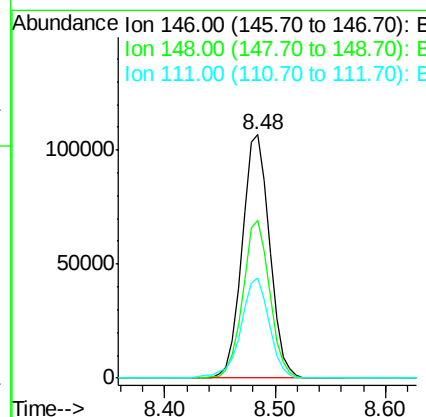
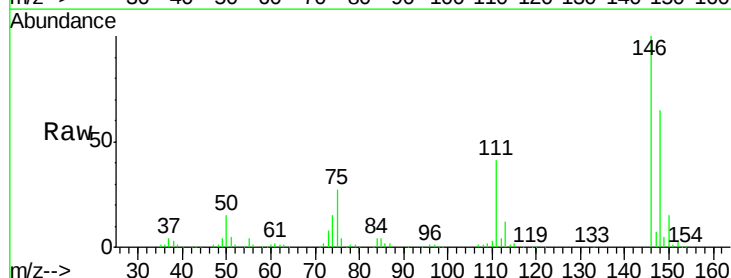
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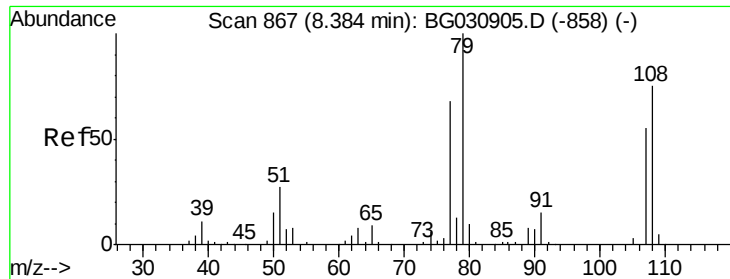
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#14
 1,2-Dichlorobenzene
 Concen: 44.51 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.3	73.9
111	41.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.22 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

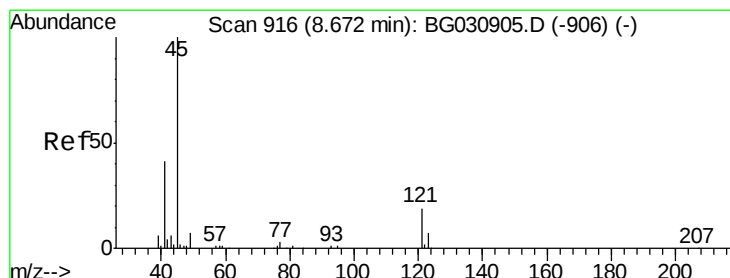
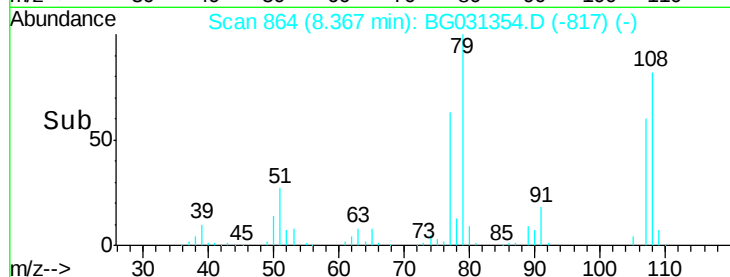
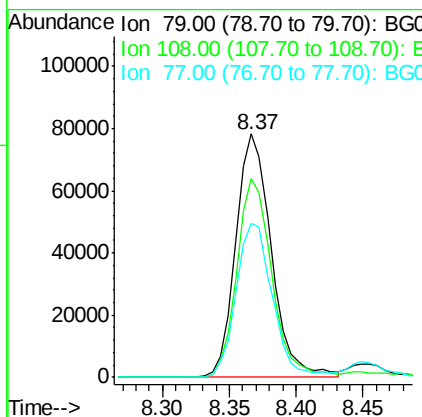
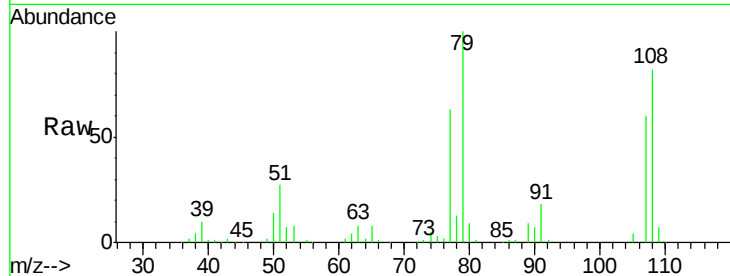
ClientSampled :

PB104664BS

Tot Ion:	79	Resp:	144713
Ion Ratio	Lower	Upper	
79	100		
108	81.7	57.2	85.8
77	63.2	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.42 ng

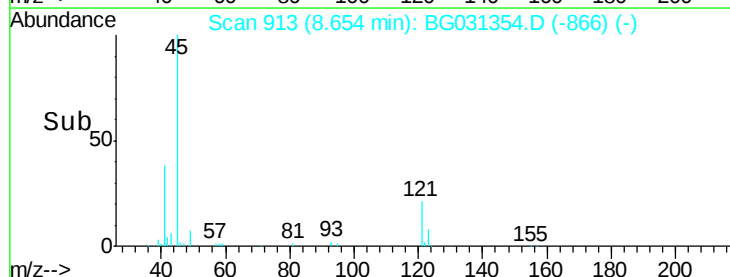
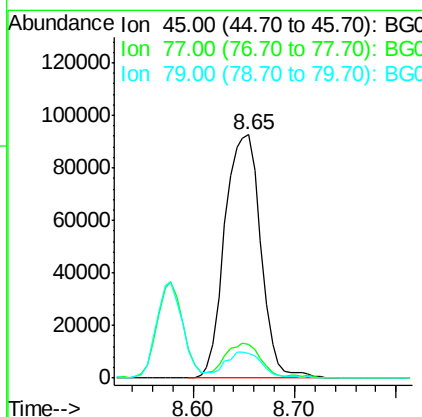
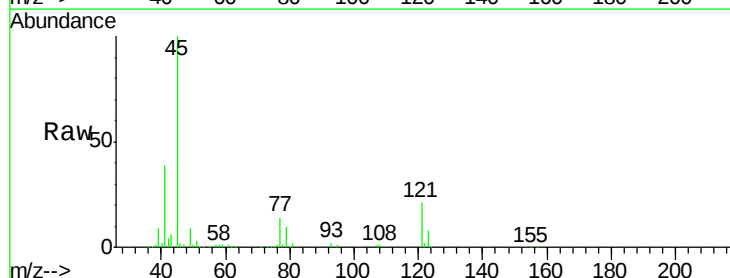
RT: 8.65 min Scan# 913

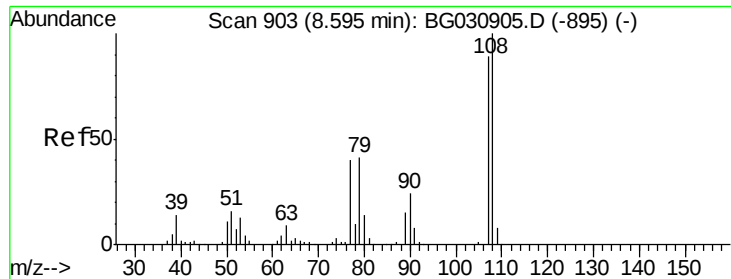
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	45	Resp:	227701
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	30.2
79	9.9	0.0	27.9





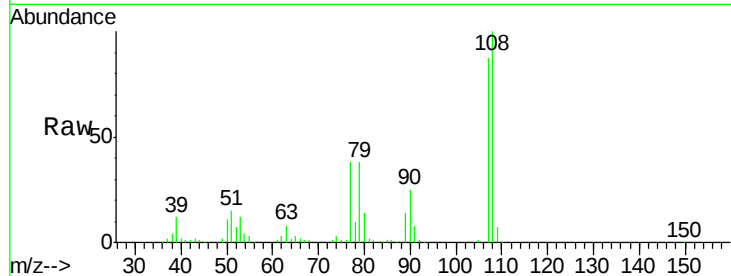
#17
2-Methylphenol
Concen: 45.77 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampled :
PB104664BS

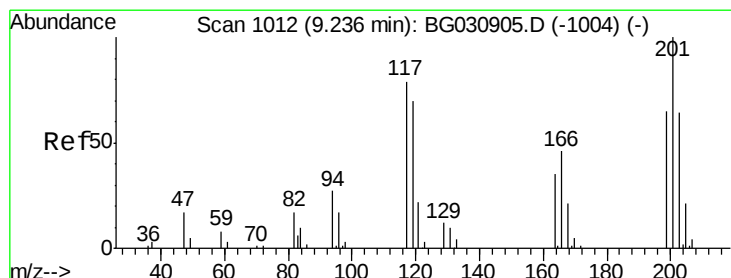
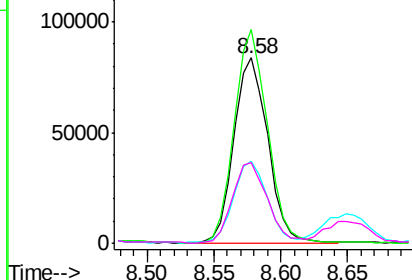
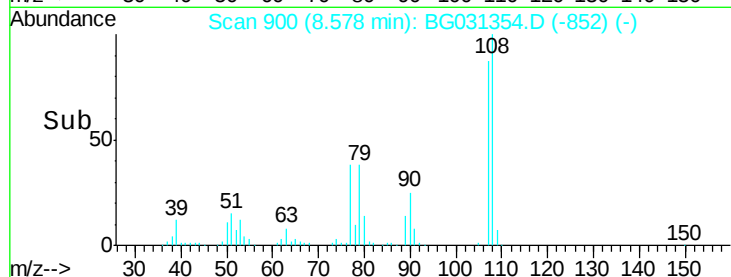
Tot Ion:	107	Resp:	148469
Ion Ratio	Lower	Upper	
107	100		
108	115.1	83.9	125.9
77	43.9	37.2	55.8
79	43.5	36.2	54.2

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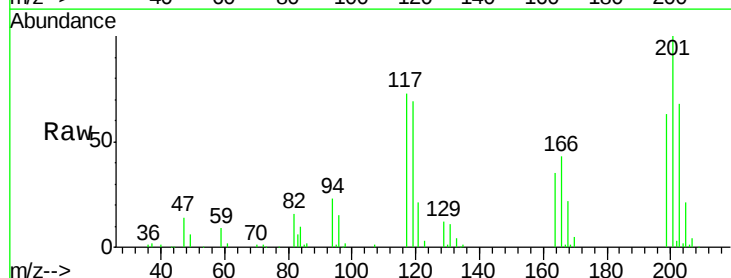


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

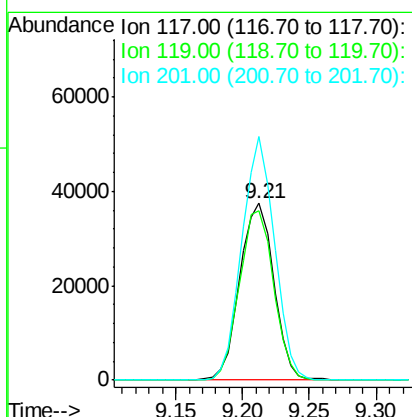
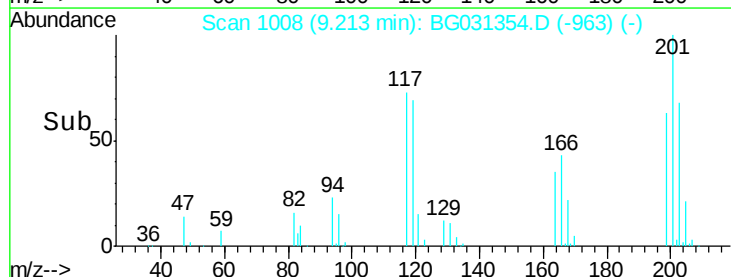


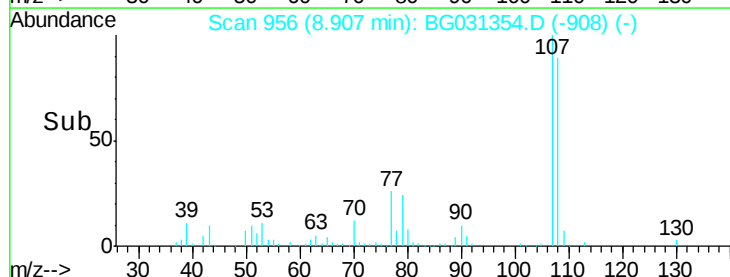
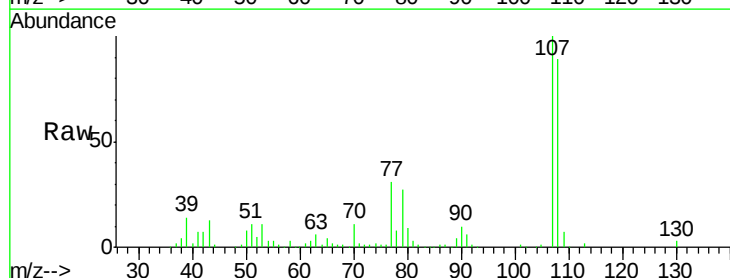
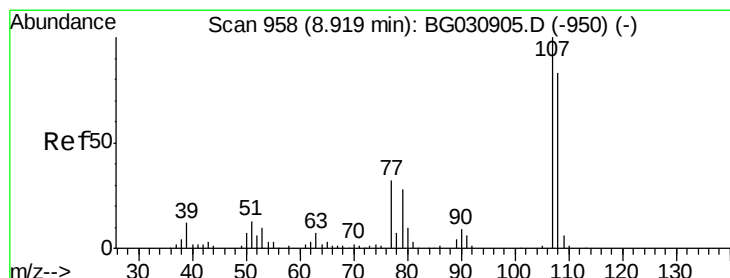
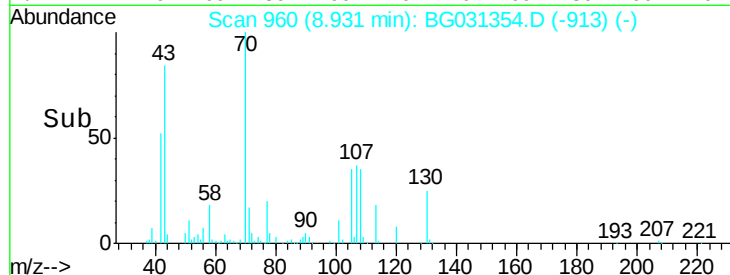
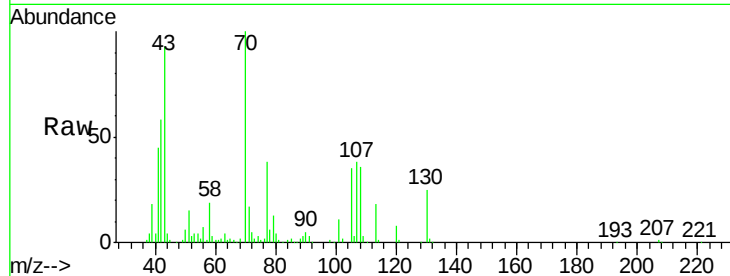
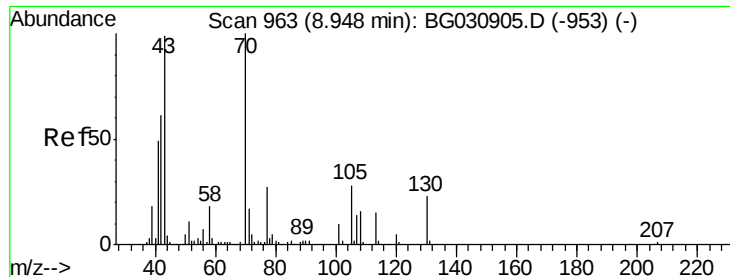
#18
Hexachloroethane
Concen: 43.46 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:	117	Resp:	66079
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.7	115.1
201	137.9	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





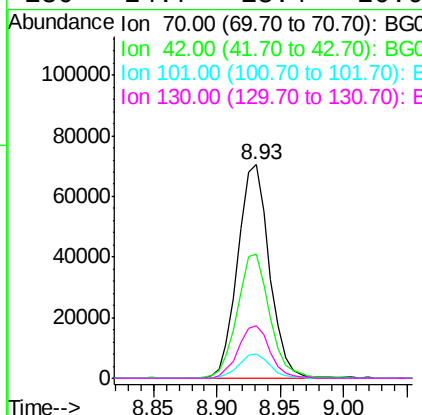
#19
n-Nitroso-di-n-propylamine
Concen: 35.75 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	49.1	73.7	
101	11.2	8.5	12.7	
130	24.7	13.4	20.0	

Instrument :
BNA_G
ClientSampled :
PB104664BS

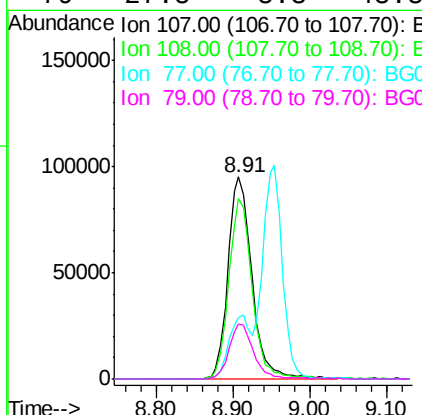
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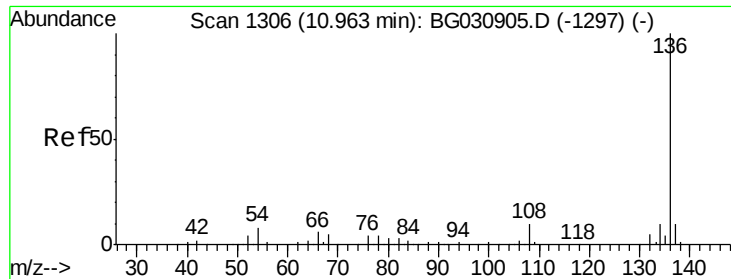
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#20
3+4-Methylphenols
Concen: 44.81 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	61.6	101.6	
77	30.5	13.9	53.9	
79	27.5	8.8	48.8	





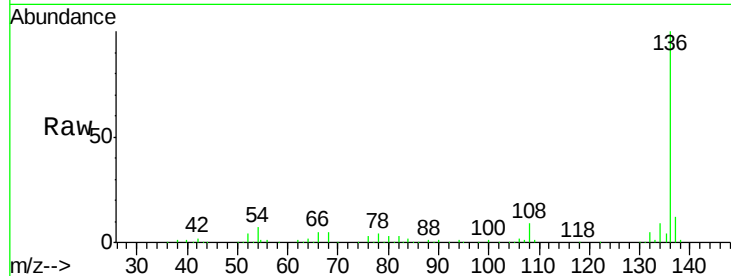
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	250265		
137	11.6	9.2	13.8	
54	7.8	10.3	15.5	
68	4.7	4.5	6.7	

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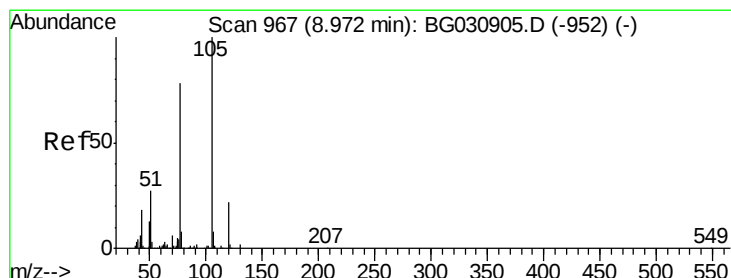
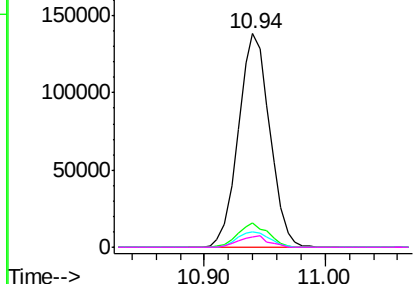
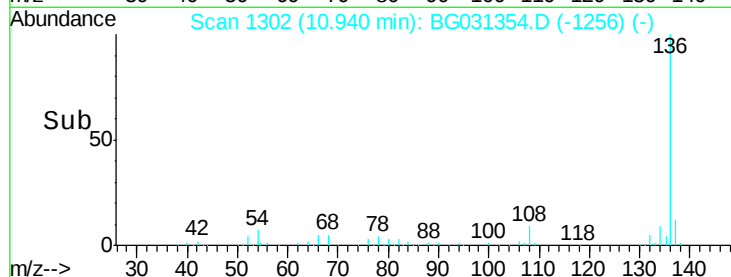
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

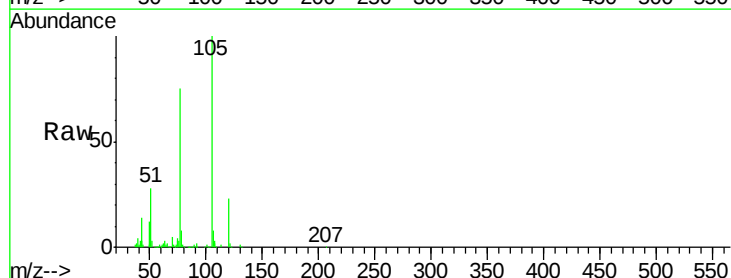
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.99 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242962		
71	0.8	3.0	4.4	
51	27.5	26.1	39.1	
120	23.2	17.4	26.2	



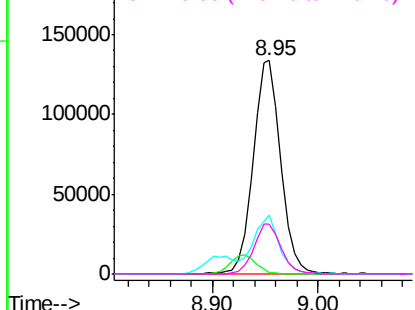
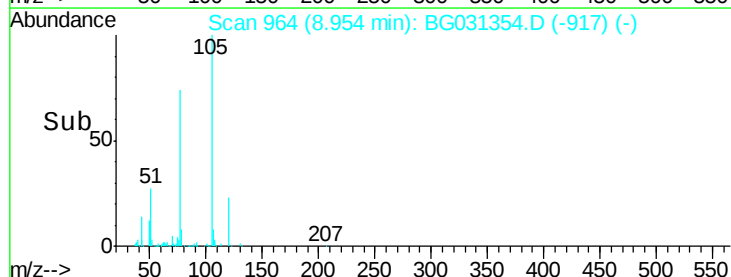
Abundance

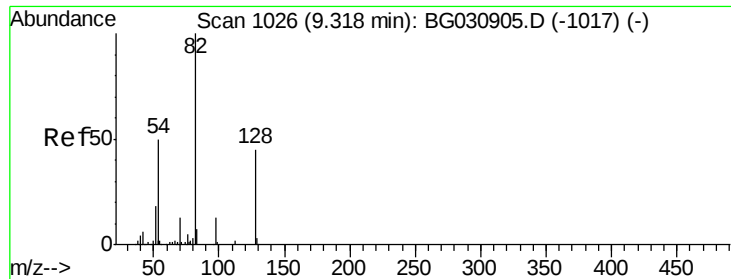
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





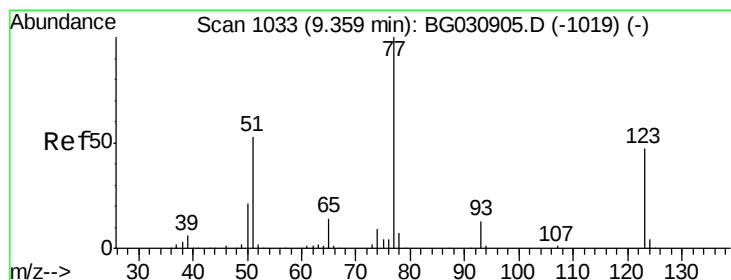
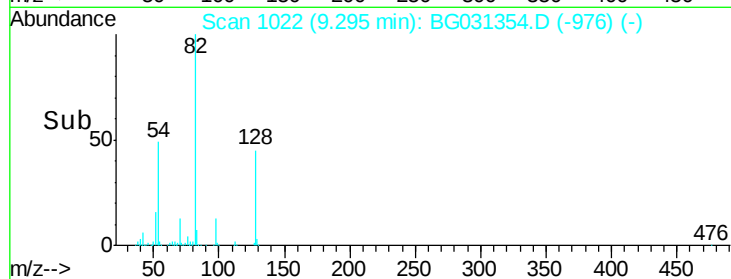
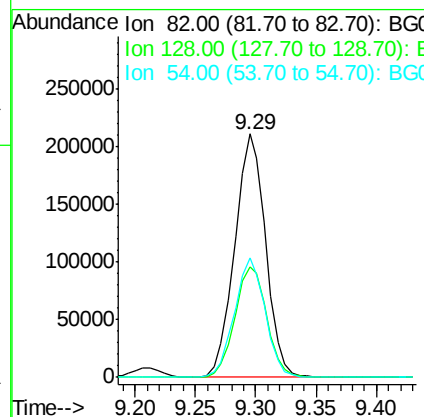
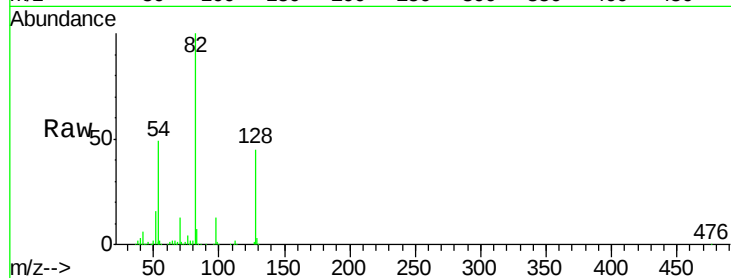
#23
 Nitrobenzene-d5
 Concen: 88.63 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	49.2	43.1	64.7

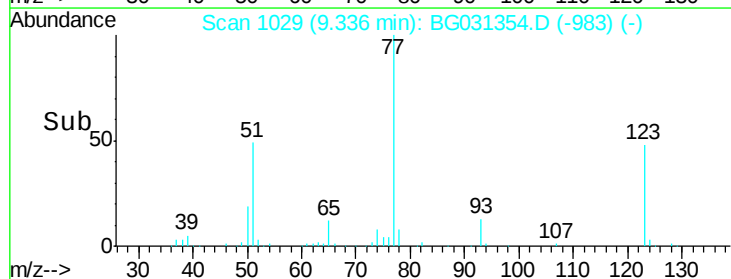
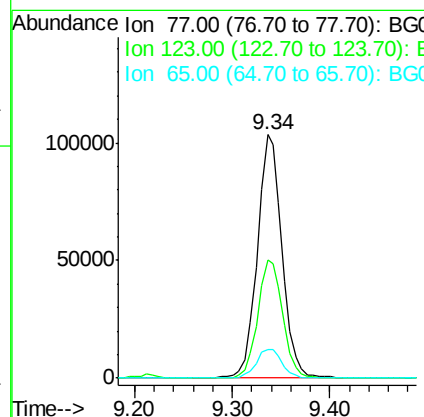
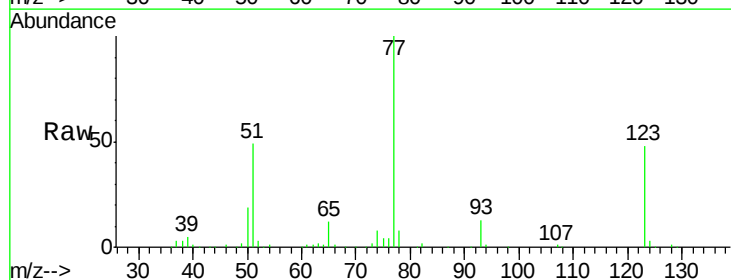
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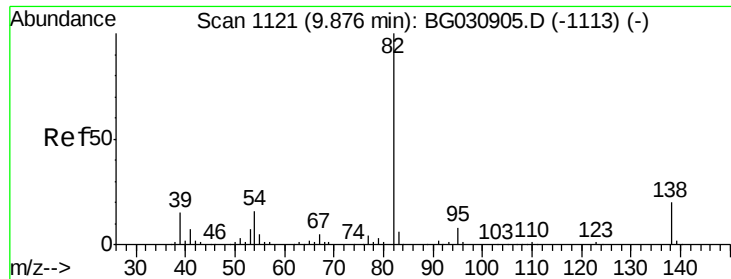
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#24
 Nitrobenzene
 Concen: 42.54 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	33.0	49.6
65	11.9	13.0	19.6#





#25

Isophorone

Concen: 41.36 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

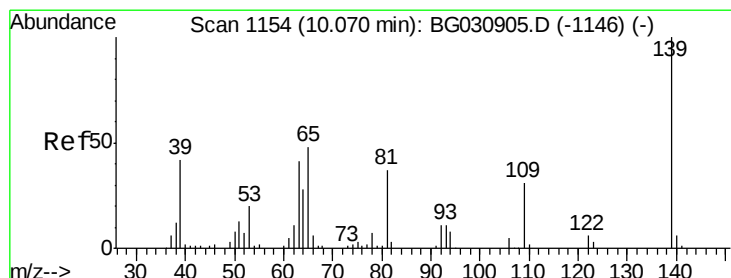
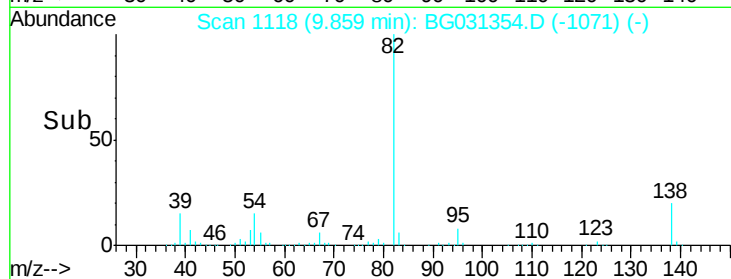
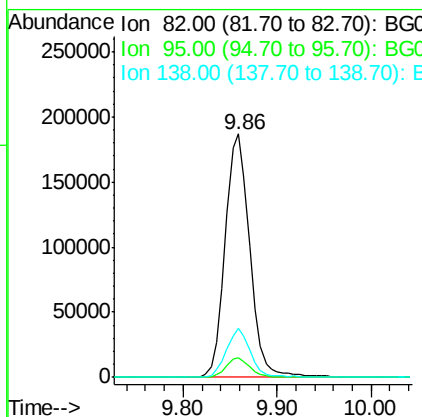
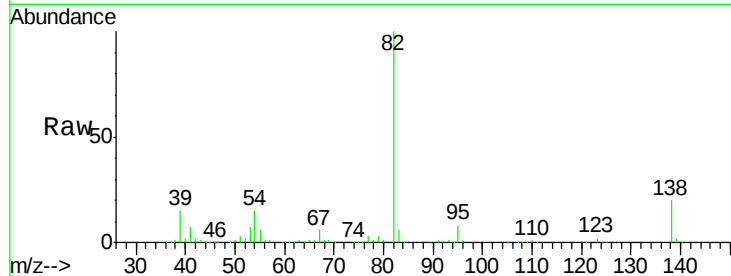
ClientSampleId :

PB104664BS

Tot Ion:	82	Resp:	340696
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.2	9.2
138	20.2	12.1	18.1#

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12/5/2017 3:26:45 PM



#26

2-Nitrophenol

Concen: 45.96 ng

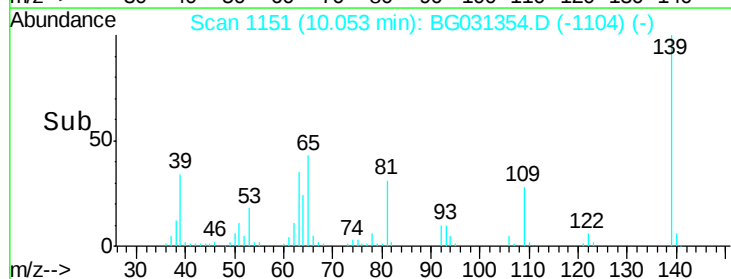
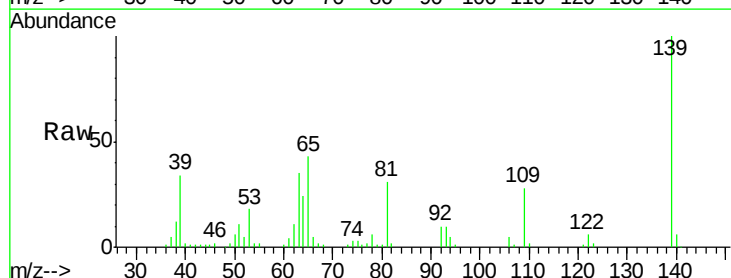
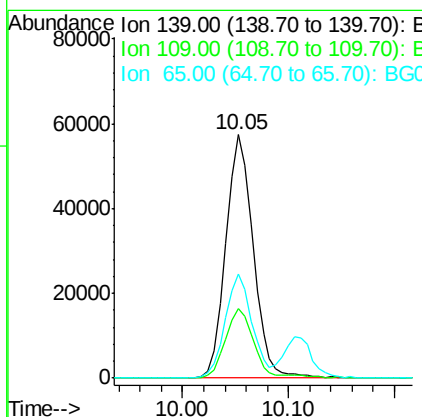
RT: 10.05 min Scan# 1151

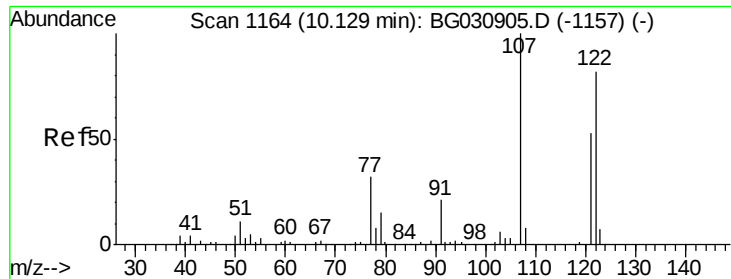
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	139	Resp:	103358
Ion Ratio		Lower	Upper
139	100		
109	28.4	24.2	36.2
65	43.0	47.4	71.0#





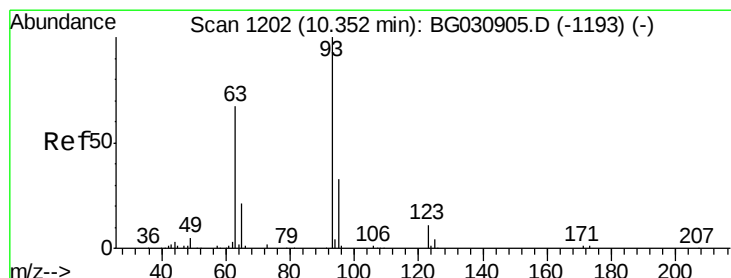
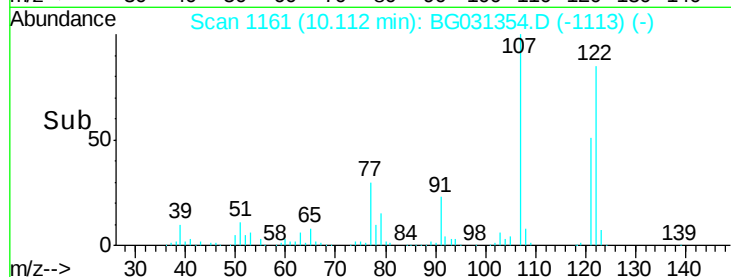
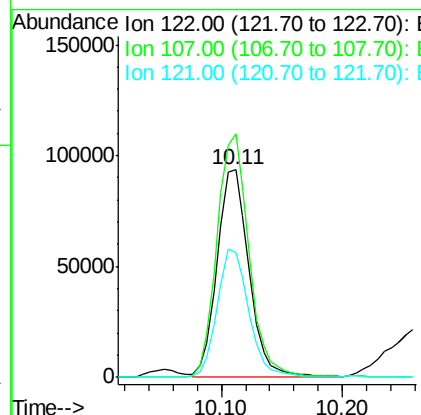
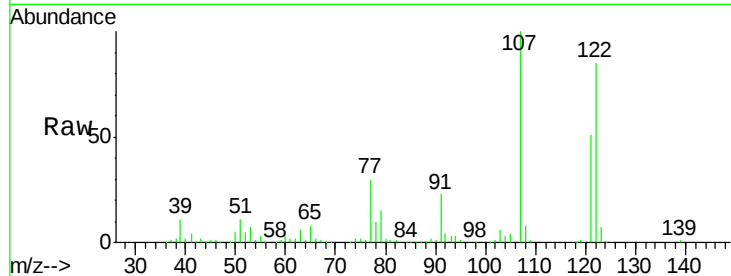
#27
 2,4-Dimethylphenol
 Concen: 50.58 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampled :
 PB104664BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		168871		
107	117.4	100.2	150.2		
121	60.3	44.4	66.6		

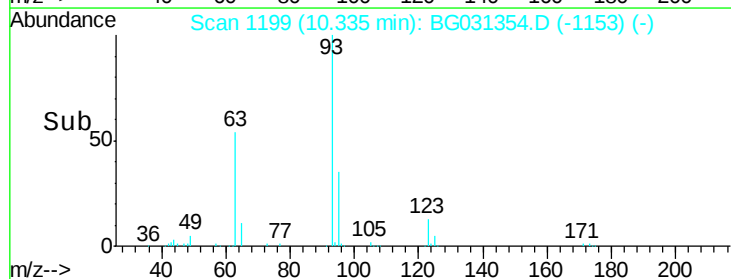
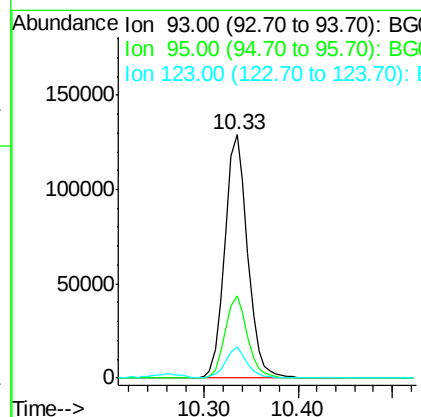
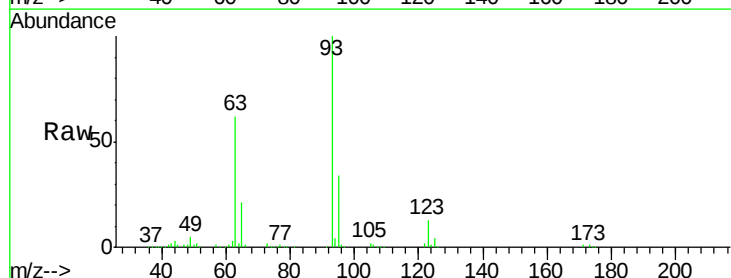
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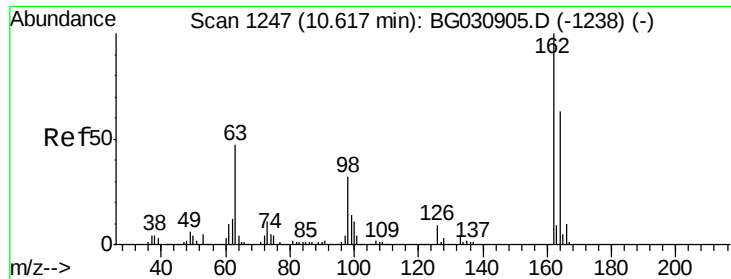
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.21 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		218962		
95	33.7	24.3	36.5		
123	12.7	8.4	12.6#		





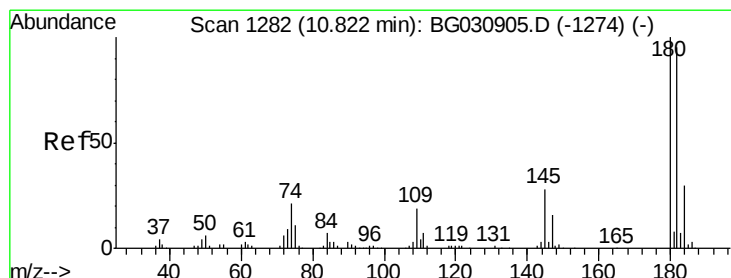
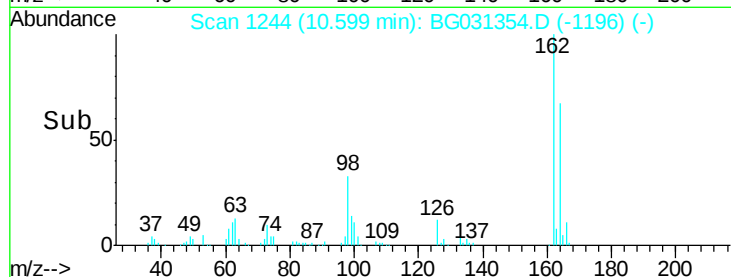
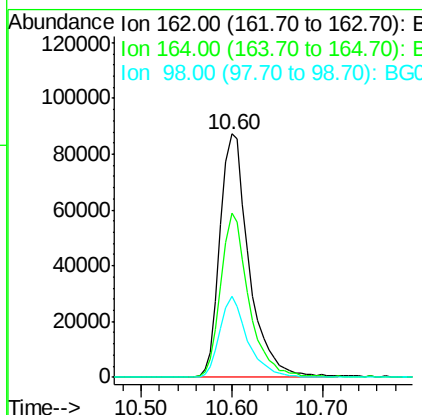
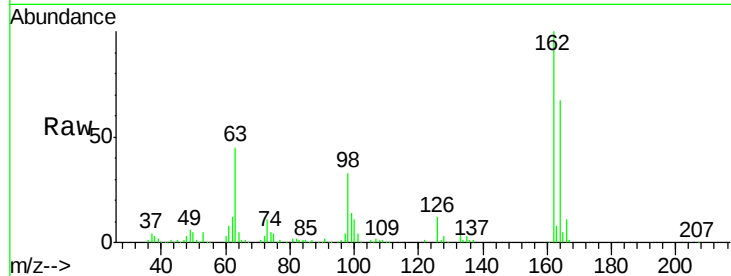
#29
 2,4-Dichlorophenol
 Concen: 48.43 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion:	162	Resp:	194160
Ion Ratio		Lower	Upper
162	100		
164	67.5	48.0	88.0
98	33.5	21.1	61.1

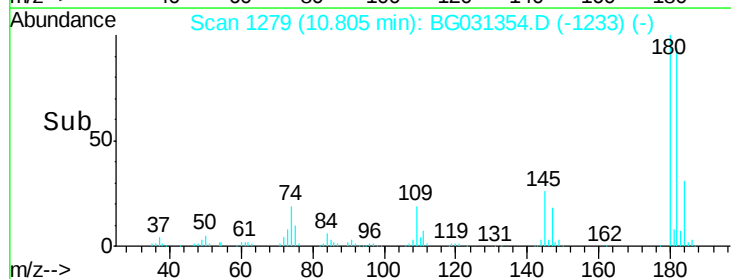
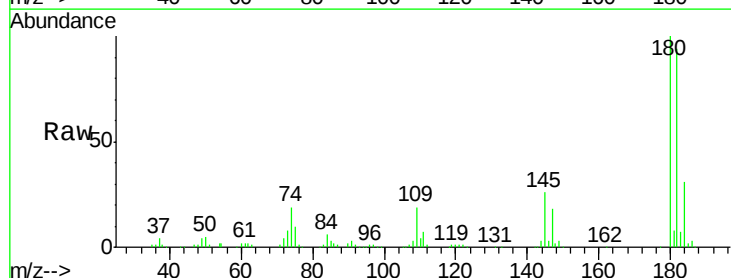
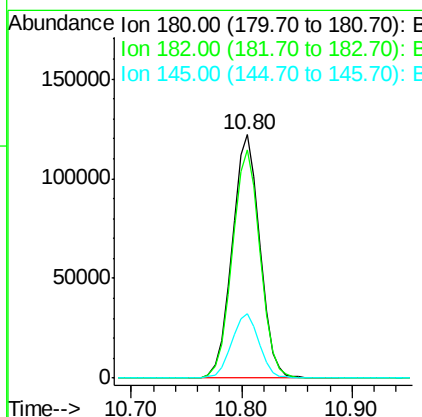
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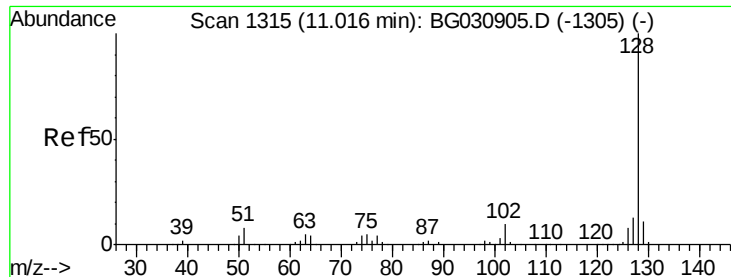
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.78 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion:	180	Resp:	214350
Ion Ratio		Lower	Upper
180	100		
182	93.9	77.5	116.3
145	26.4	23.4	35.2





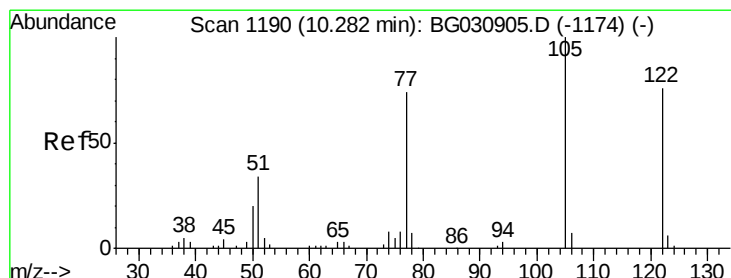
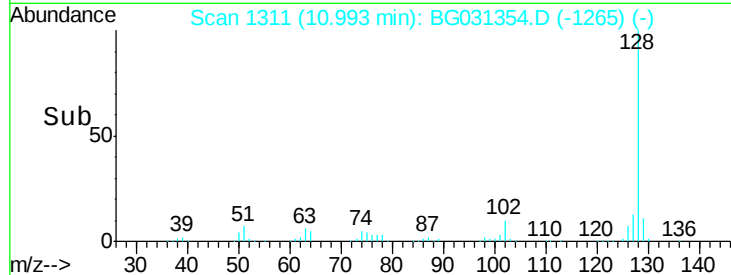
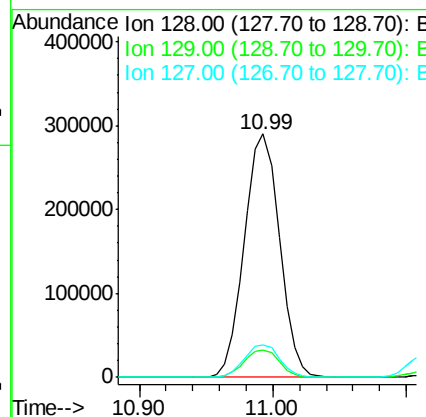
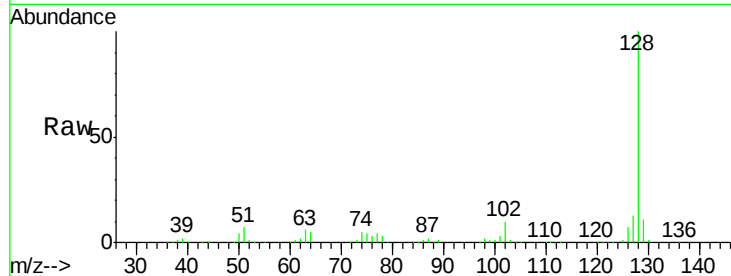
#31
Naphthalene
Concen: 43.11 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.6	12.8
127	13.4	11.6	17.4

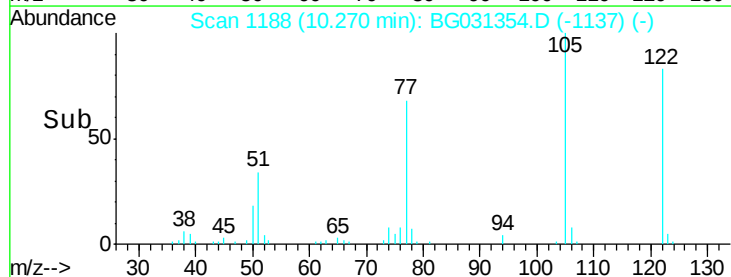
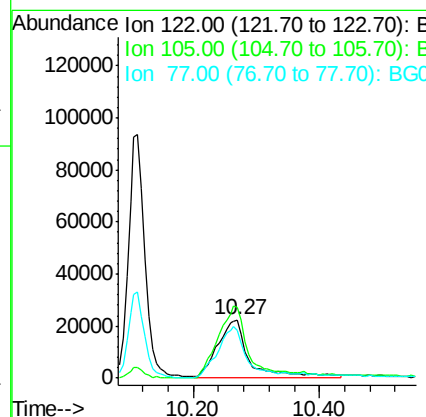
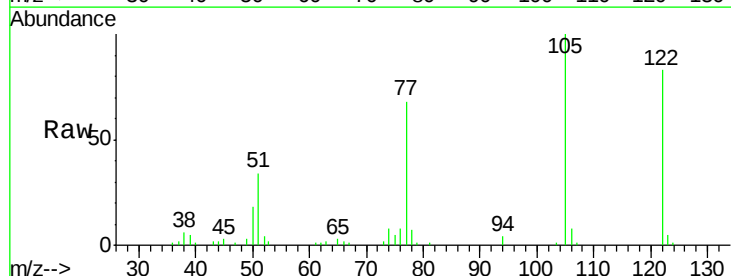
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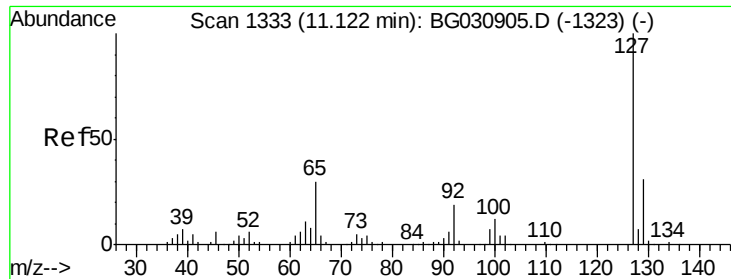
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#32
Benzoic acid
Concen: 30.74 ng m
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	120.7	123.5	163.5#
77	81.7	85.7	125.7#





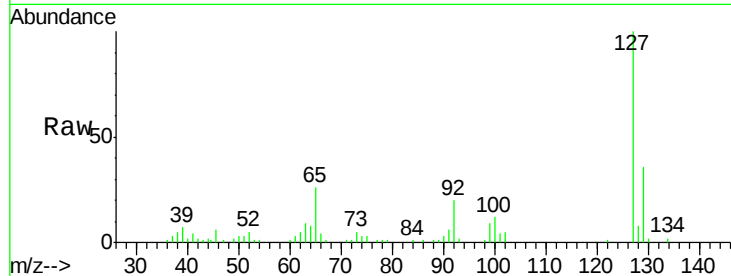
#33
4-Chloroaniline
Concen: 10.98 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

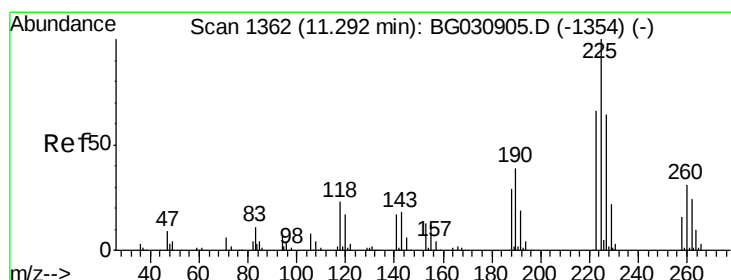
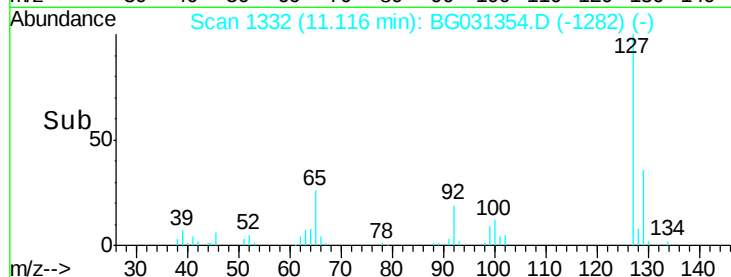
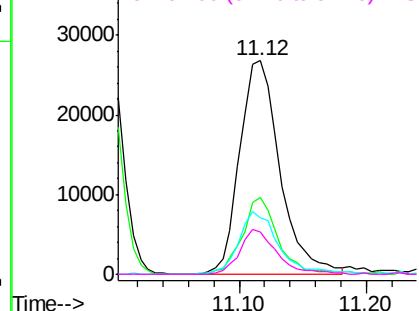
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.0	24.0	36.0		
65	26.3	27.0	40.4		
92	19.6	16.6	25.0		

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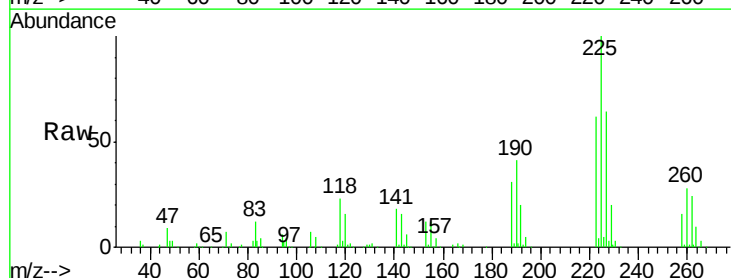


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

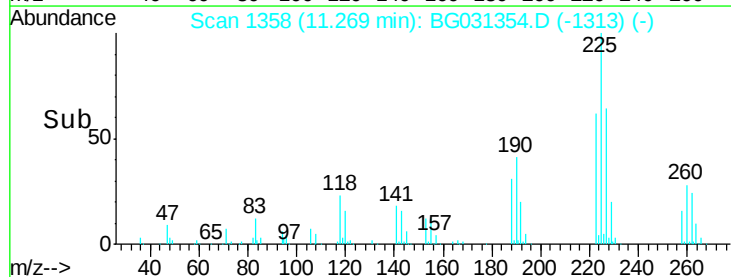
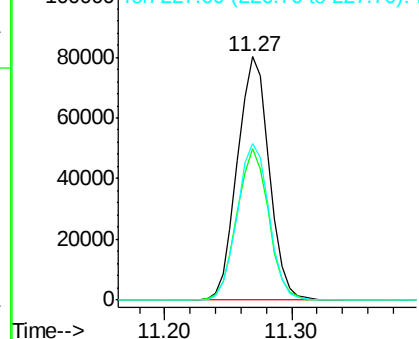


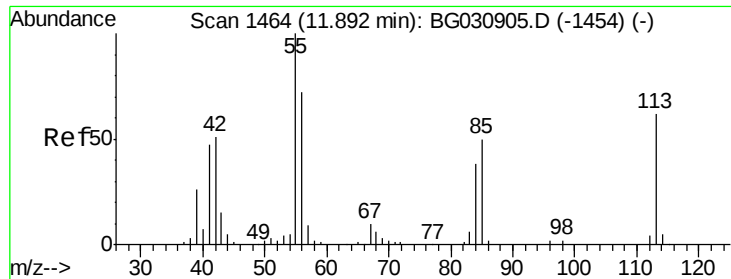
#34
Hexachlorobutadiene
Concen: 41.88 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.7	74.5		
227	64.4	48.1	72.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





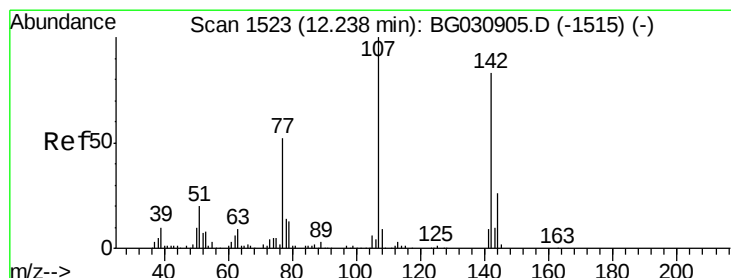
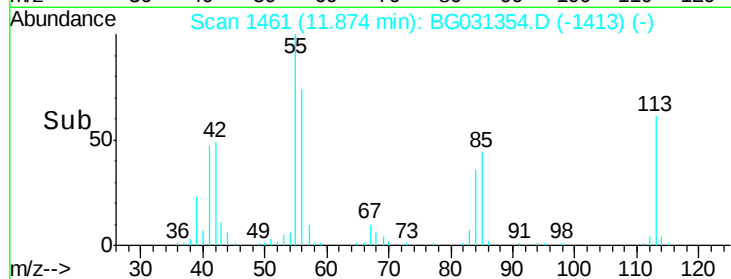
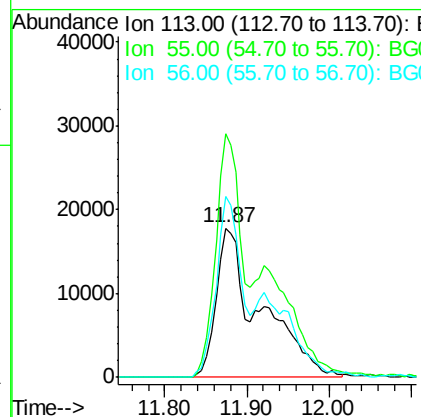
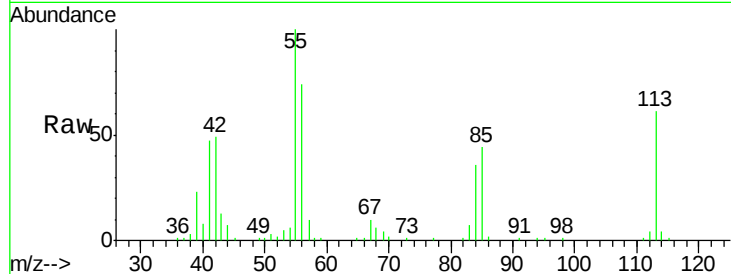
#35
Caprolactam
Concen: 40.49 ng/ml
RT: 11.87 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion:113 Resp: 66313
Ion Ratio Lower Upper
113 100
55 163.0 186.9 226.9#
56 121.3 130.9 170.9#

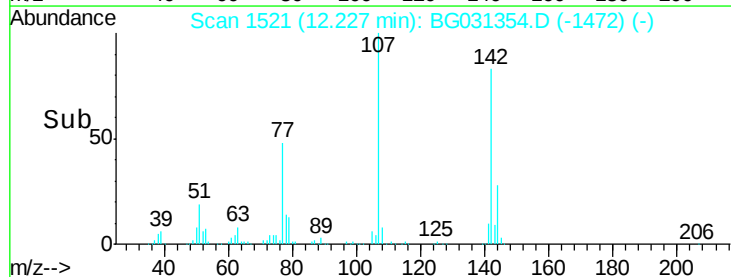
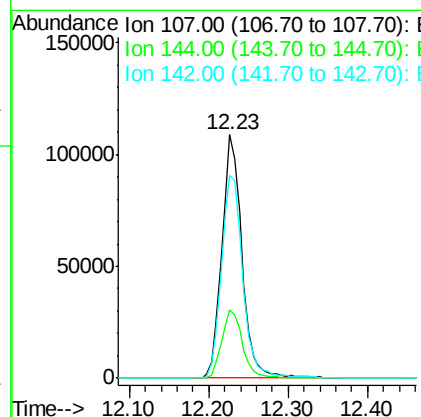
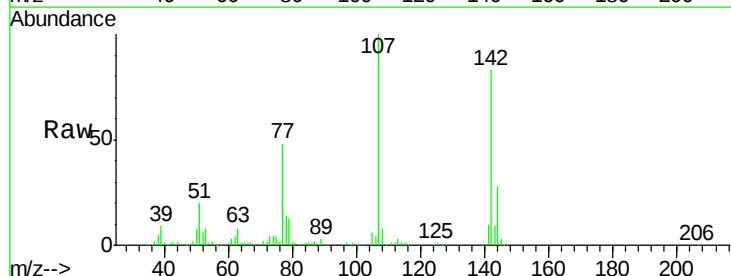
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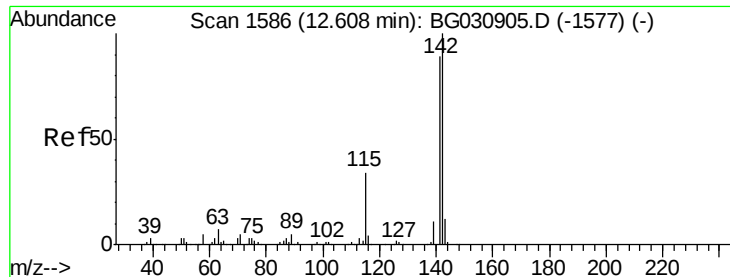
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#36
4-Chloro-3-methylphenol
Concen: 43.80 ng/ml
RT: 12.23 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion:107 Resp: 191094
Ion Ratio Lower Upper
107 100
144 27.8 18.2 27.4#
142 83.3 59.0 88.4





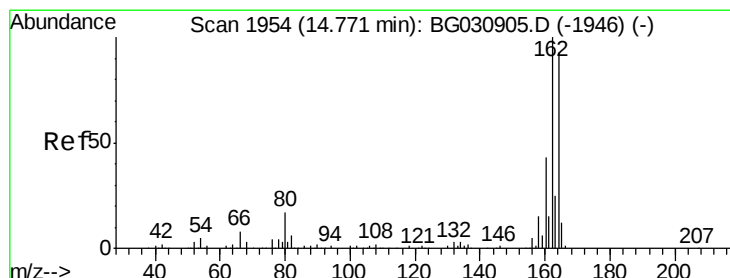
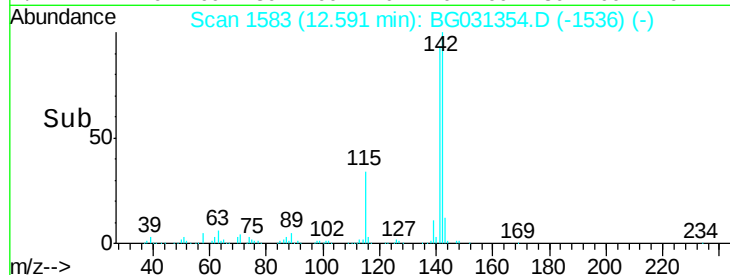
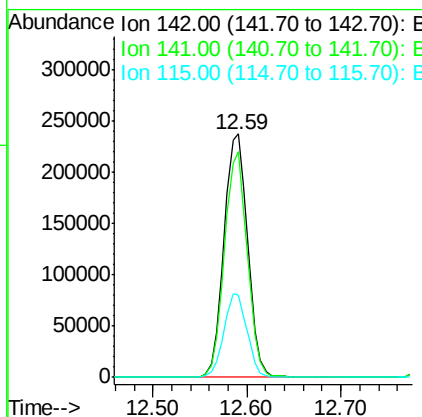
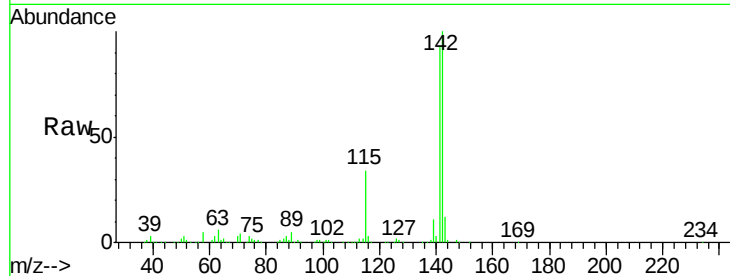
#37
2-Methylnaphthalene
Concen: 43.86 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	67.1	100.7
115	33.6	30.7	46.1

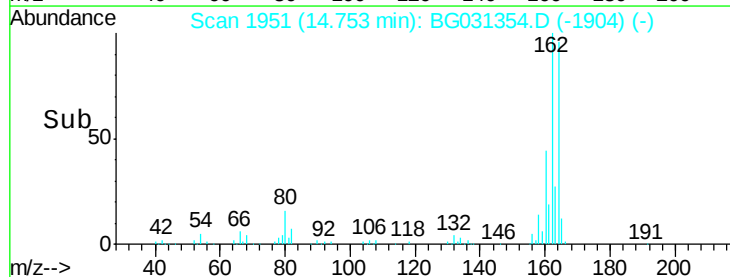
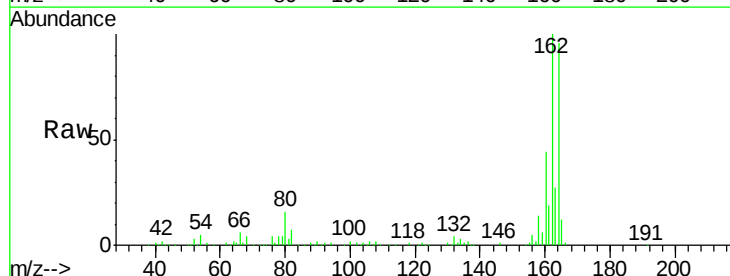
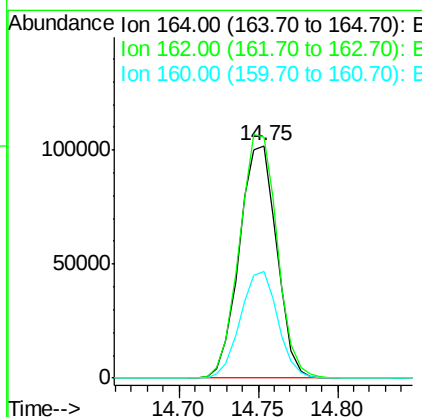
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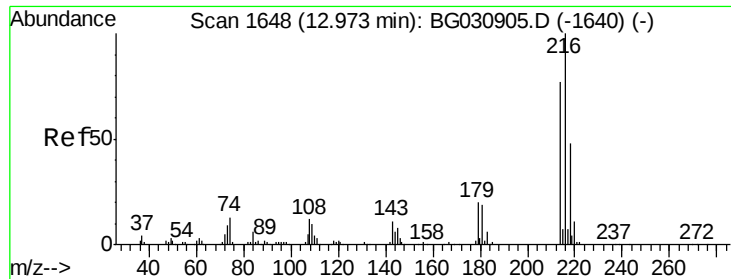
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.7	35.4	53.0





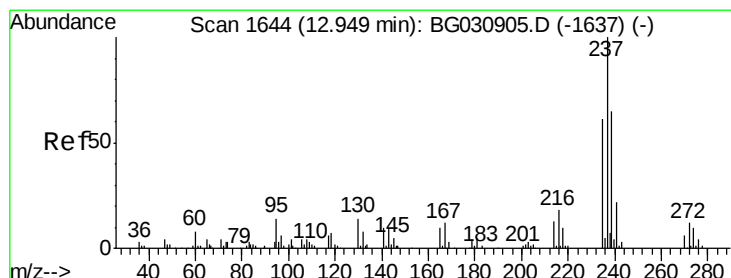
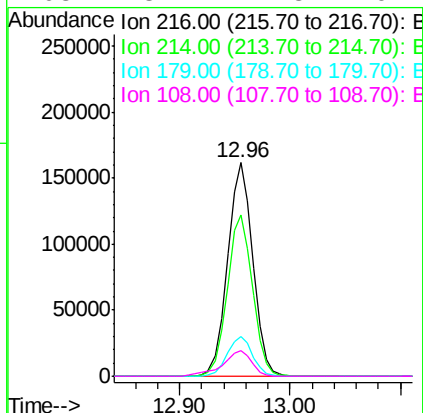
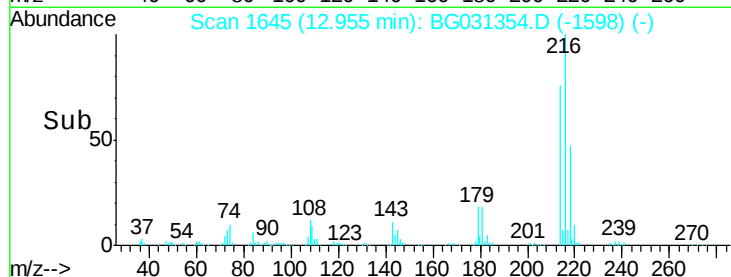
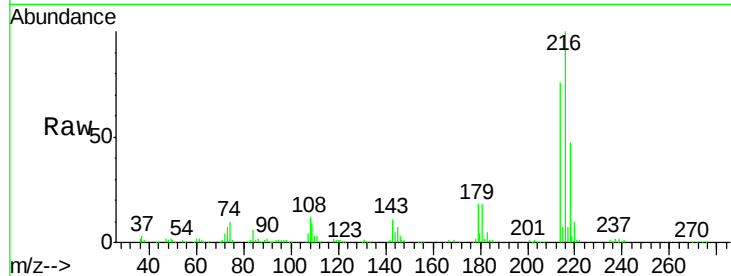
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.03 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	75.7		63.0	94.4	
179	18.6		17.0	25.6	
108	13.7		12.8	19.2	

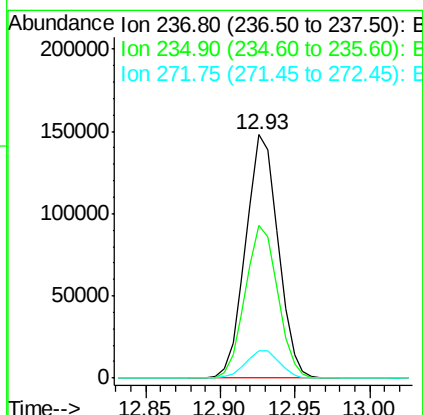
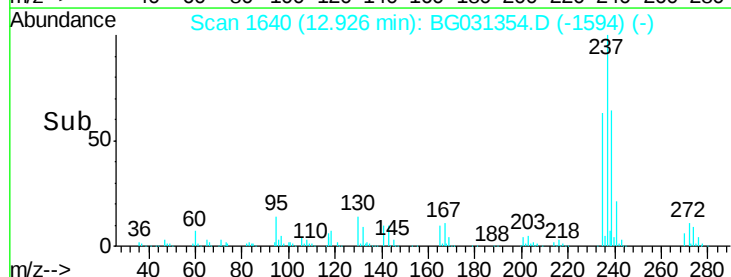
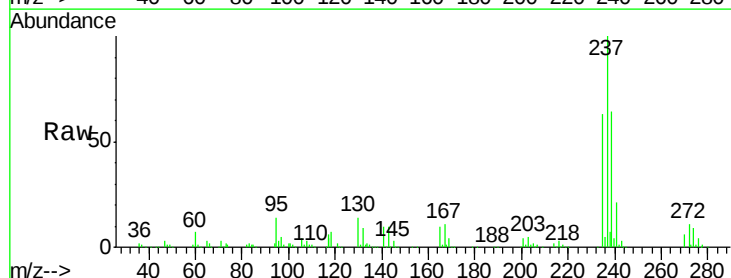
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#40
 Hexachlorocyclopentadiene
 Concen: 89.45 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9		50.4	90.4	
272	11.4		0.0	31.8	





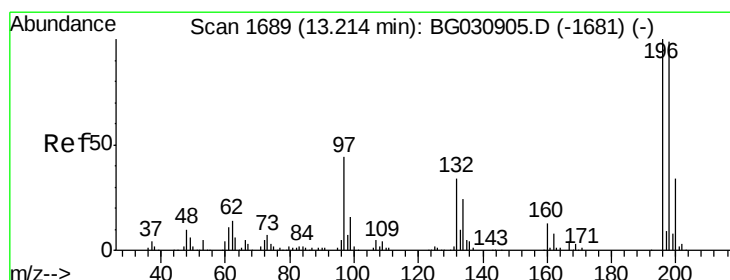
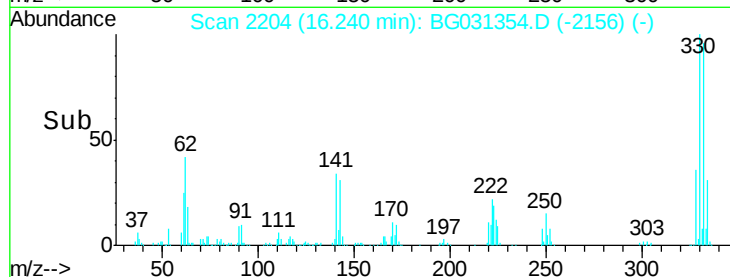
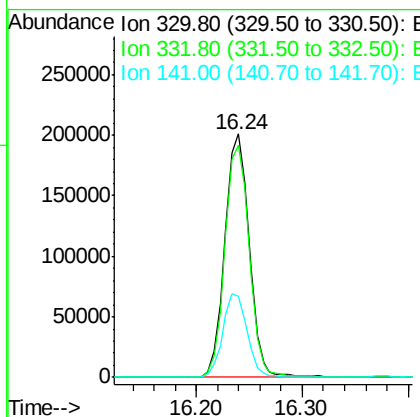
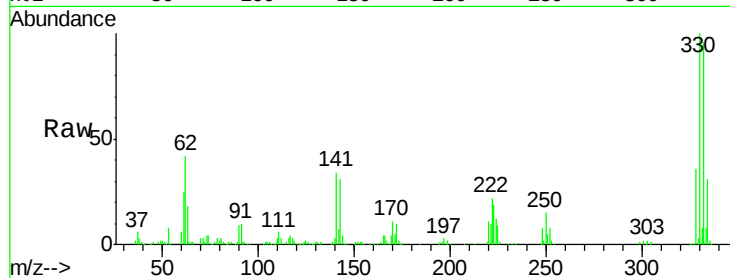
#41
 2,4,6-Tribromophenol
 Concen: 119.30 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	34.6	25.2	37.8	

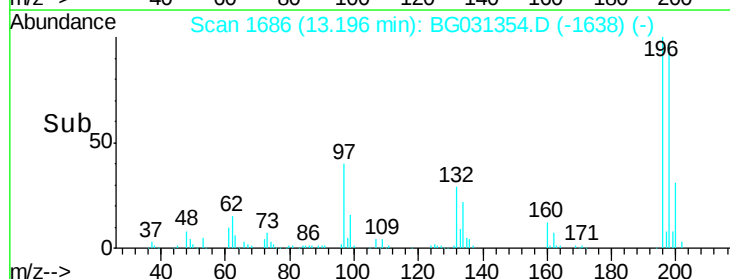
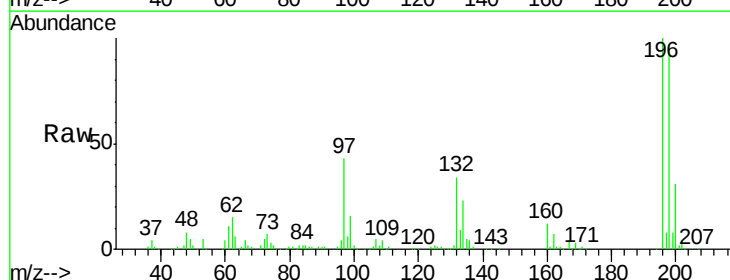
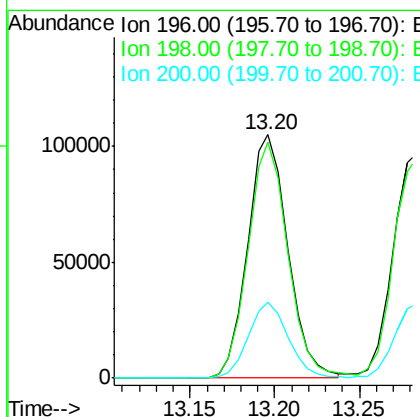
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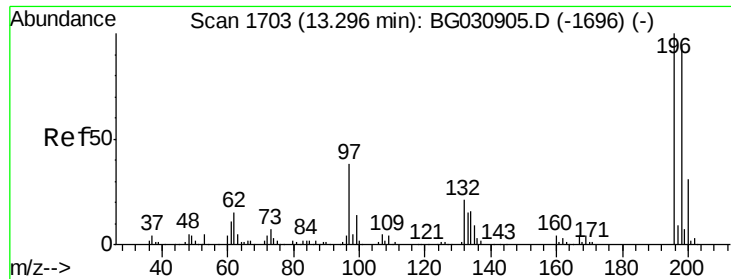
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#42
 2,4,6-Trichlorophenol
 Concen: 46.11 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.9	78.2	117.2	
200	30.9	24.6	36.8	





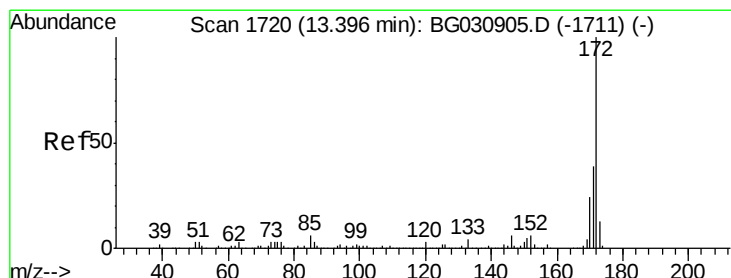
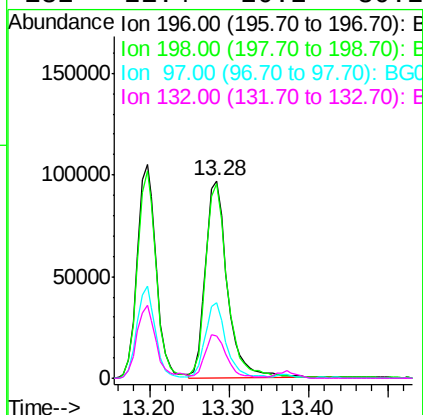
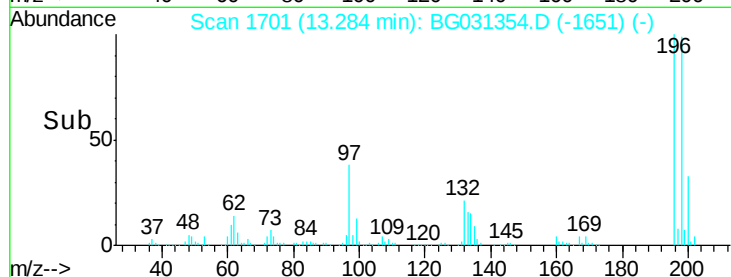
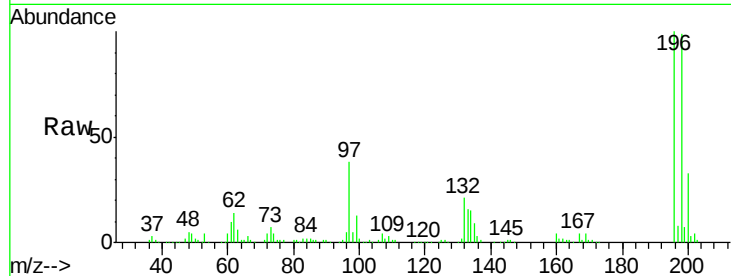
#43
 2,4,5-Trichlorophenol
 Concen: 45.94 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189590		
198	98.6	76.2	114.4	
97	38.3	38.7	58.1#	
132	21.4	20.2	30.2	

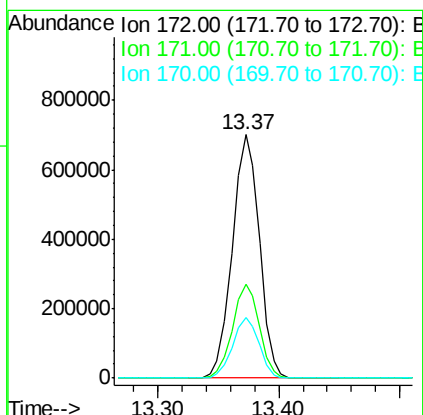
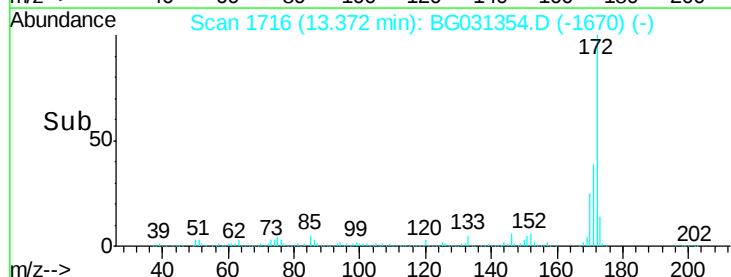
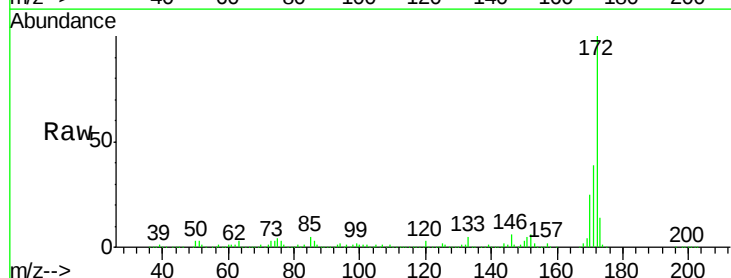
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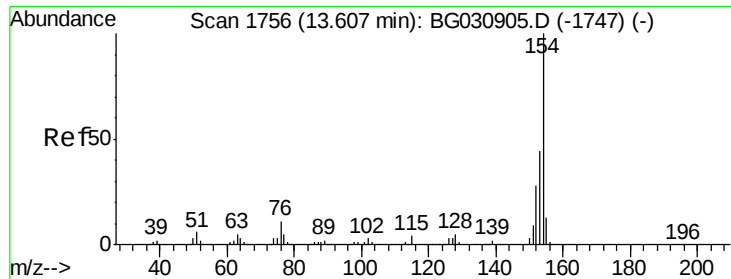
Sohil
 12/5/2017 3:26:45 PM



#44
 2-Fluorobiphenyl
 Concen: 94.46 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1092926		
171	38.6	30.0	45.0	
170	24.7	19.5	29.3	





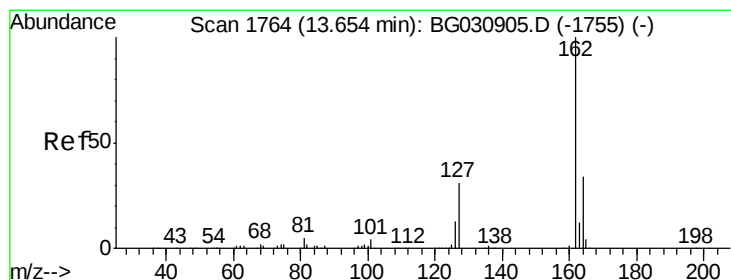
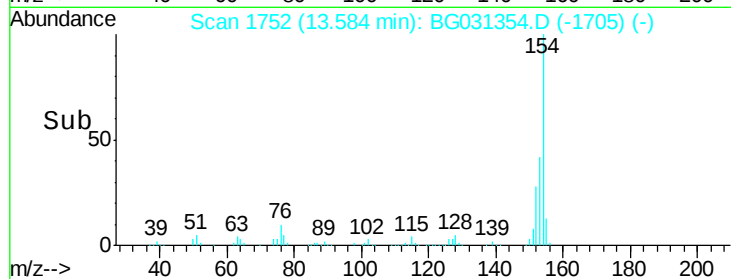
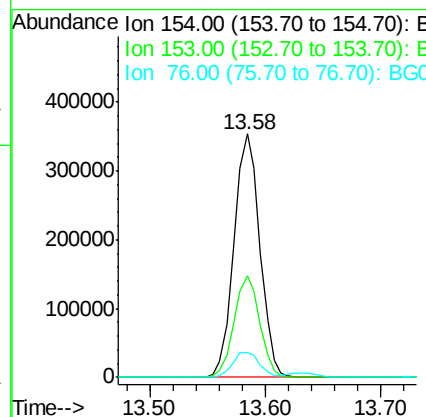
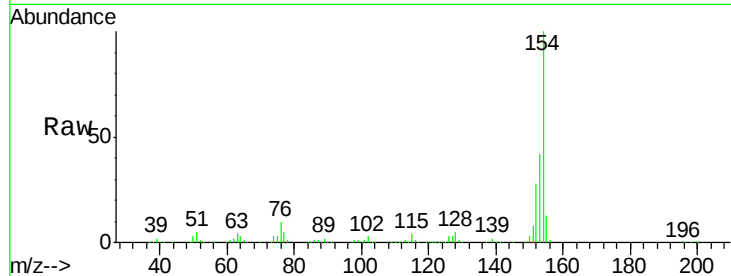
#45
 1,1'-Biphenyl
 Concen: 39.64 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion:	154	Resp:	546525
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.8	59.8
76	10.4	0.0	31.9

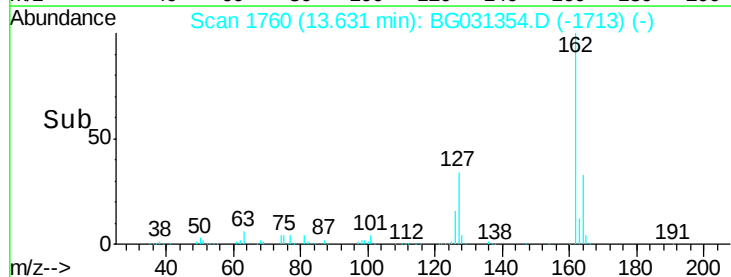
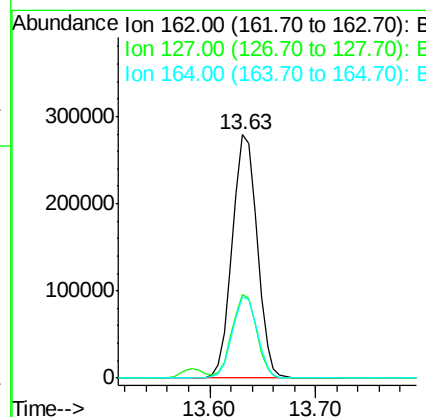
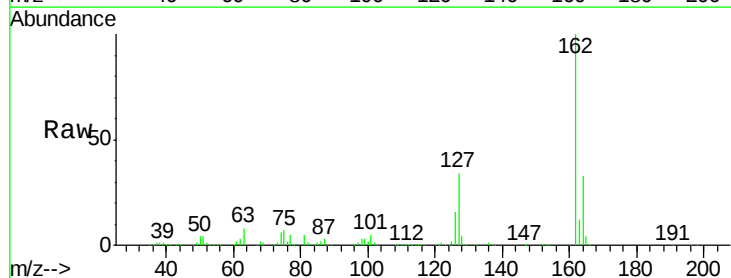
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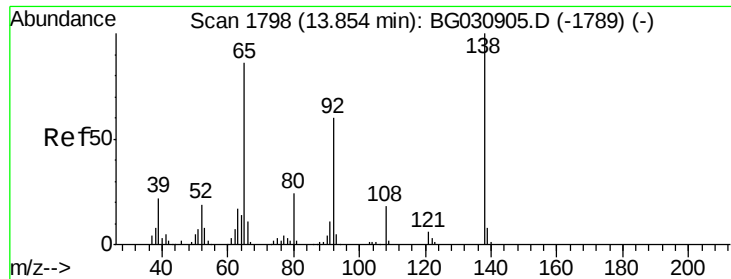
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#46
 2-Chloronaphthalene
 Concen: 45.60 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion:	162	Resp:	453592
Ion Ratio	Lower	Upper	
162	100		
127	34.4	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 41.12 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

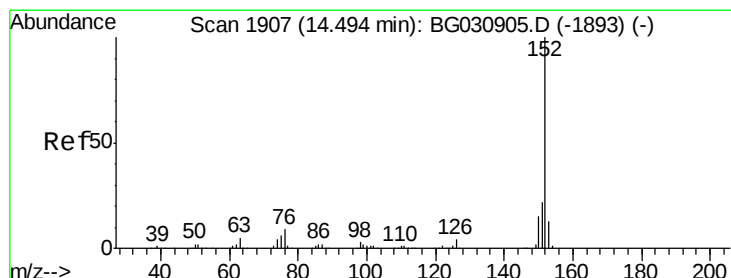
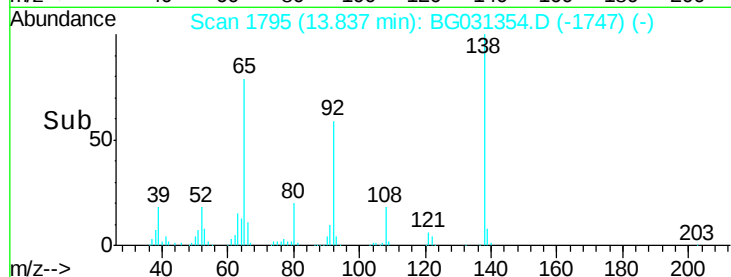
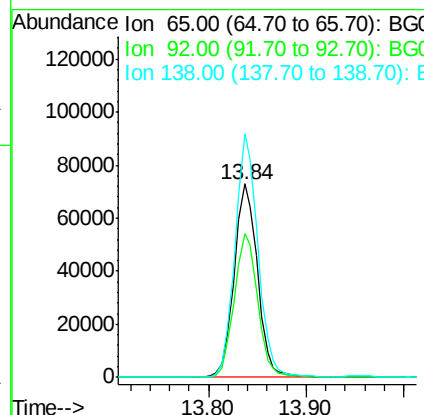
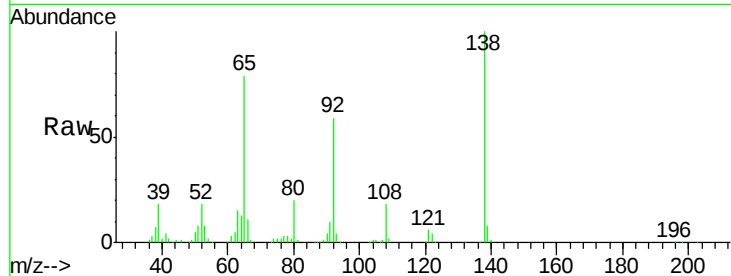
ClientSampleId :

PB104664BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.0	54.6	82.0
138	125.9	72.9	109.3

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#48

Acenaphthylene

Concen: 42.49 ng

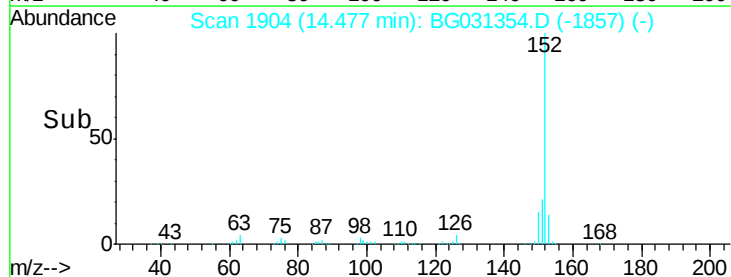
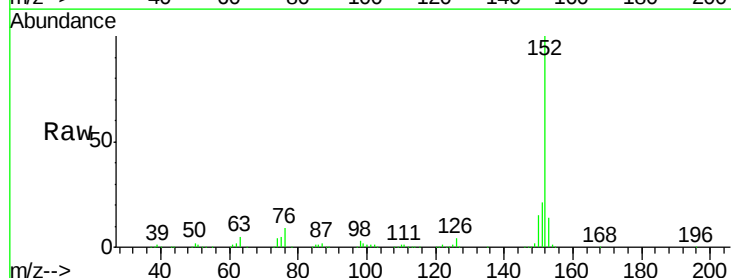
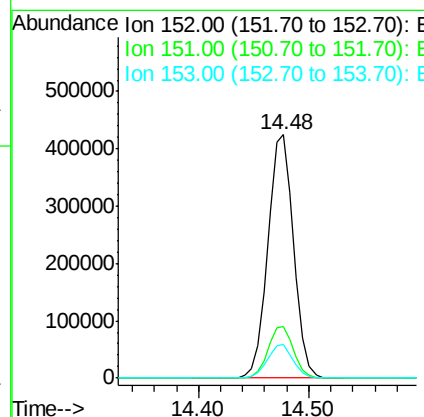
RT: 14.48 min Scan# 1904

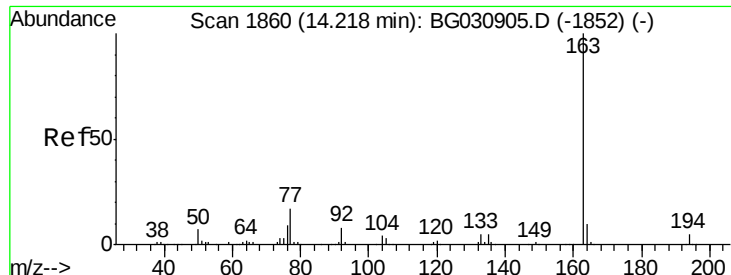
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	14.1	10.2	15.4





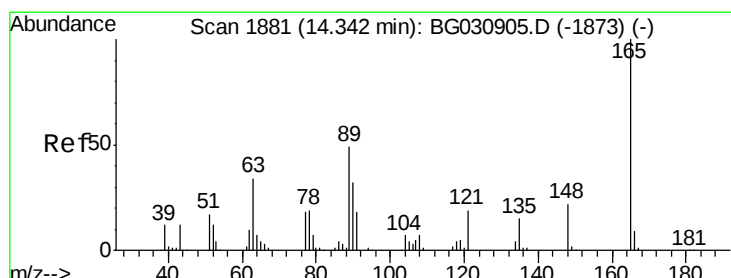
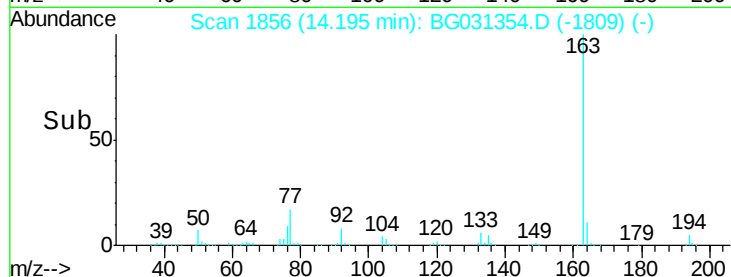
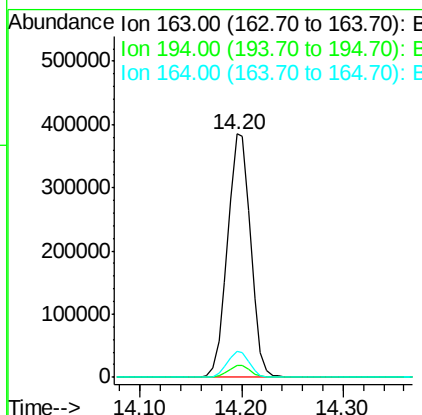
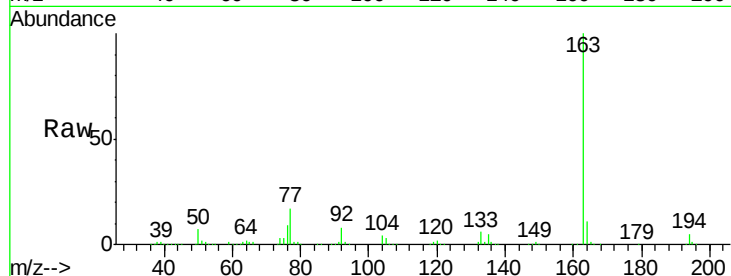
#49
Dimethylphthalate
Concen: 42.14 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	605703		
194	4.8		3.4	5.2
164	10.8		8.2	12.4

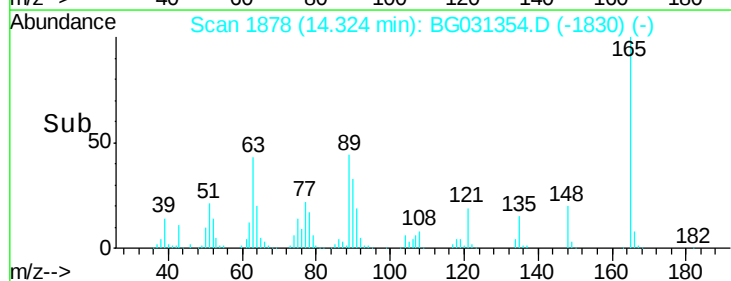
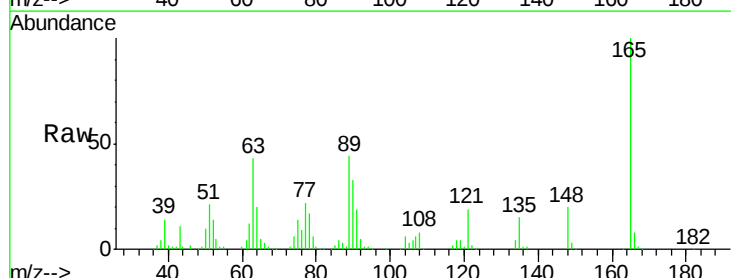
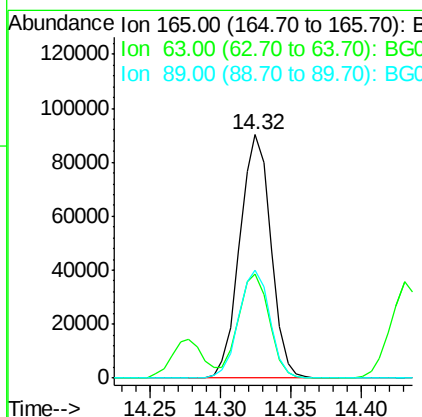
Manual Integrations
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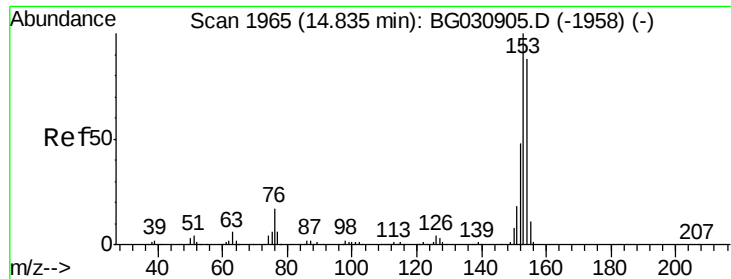
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#50
2,6-Dinitrotoluene
Concen: 46.91 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138995		
63	42.8		52.7	79.1#
89	44.2		49.2	73.8#





#51

Acenaphthene

Concen: 42.39 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

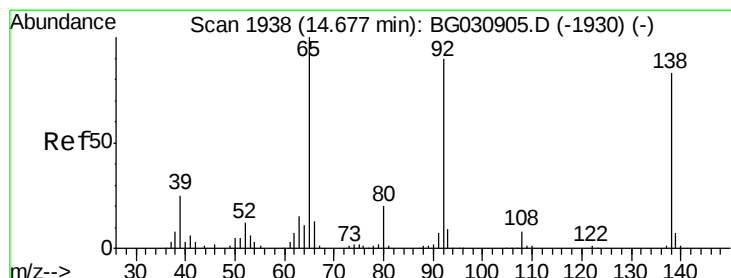
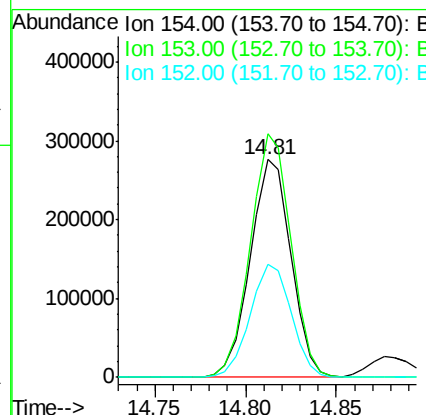
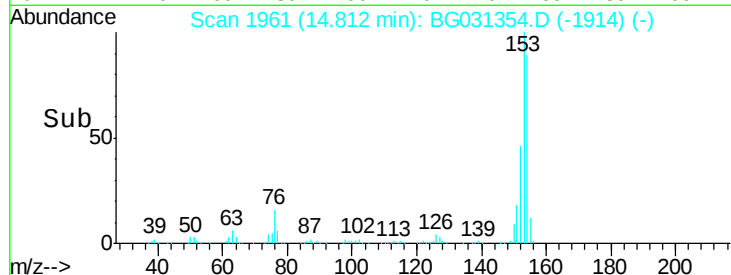
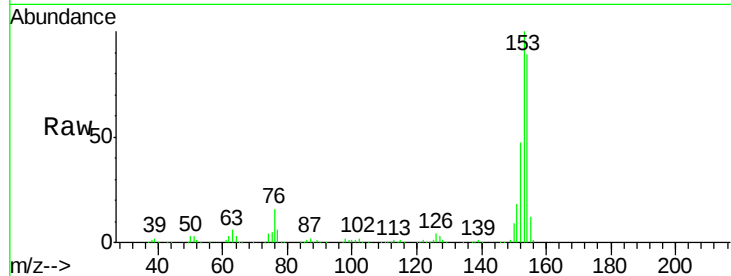
ClientSampleId :

PB104664BS

Tot Ion:	154	Resp:	430972
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.4	135.6
152	52.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.12 ng

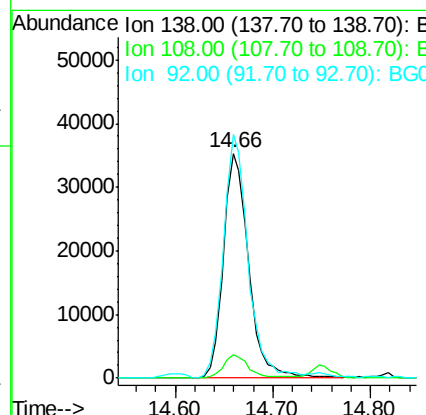
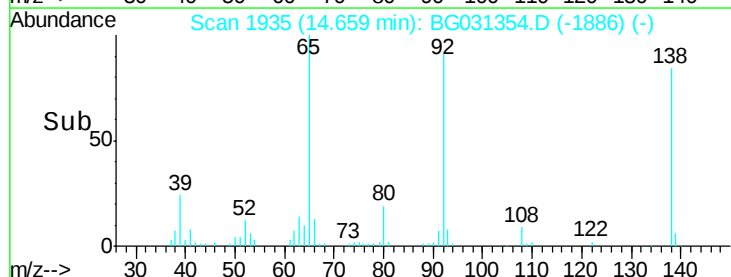
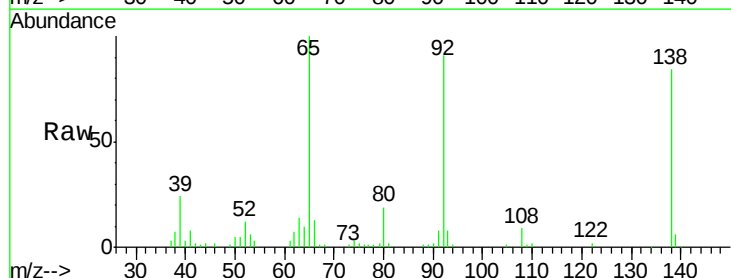
RT: 14.66 min Scan# 1935

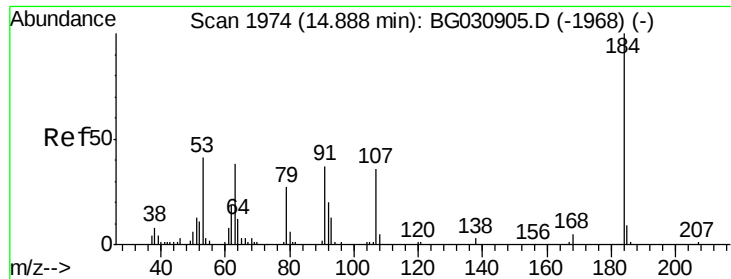
Delta R.T. -0.01 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	138	Resp:	63306
Ion Ratio	Lower	Upper	
138	100		
108	10.4	17.5	26.3#
92	108.2	105.8	158.8





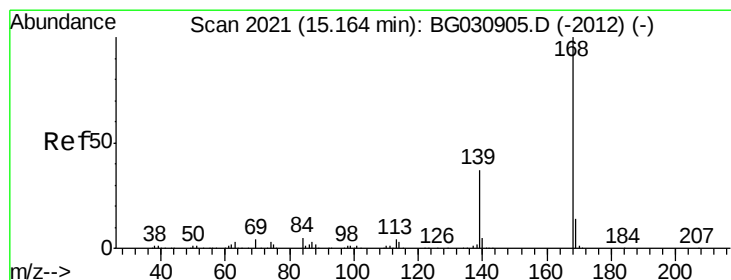
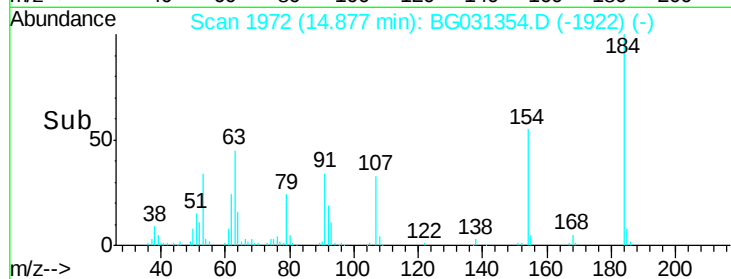
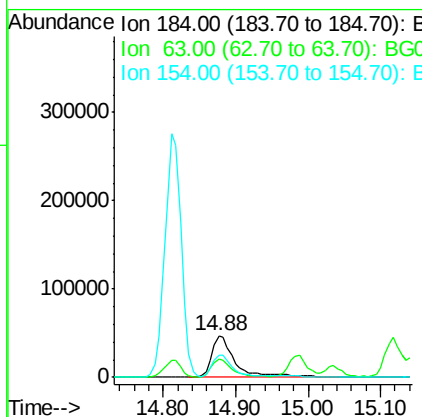
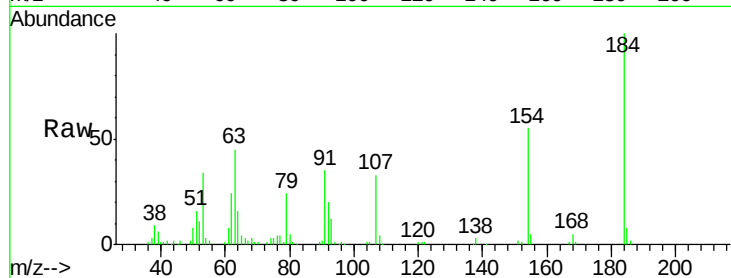
#53
2,4-Dinitrophenol
Concen: 66.15 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.1	59.8	89.8#
154	54.7	101.8	152.8#

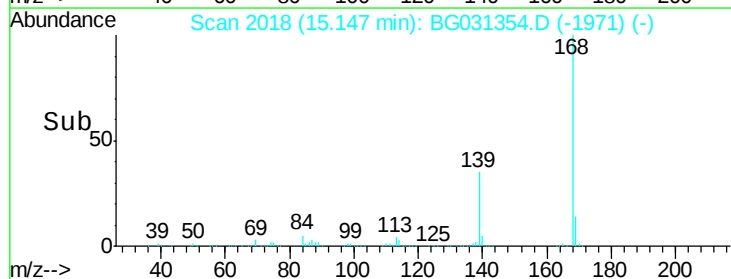
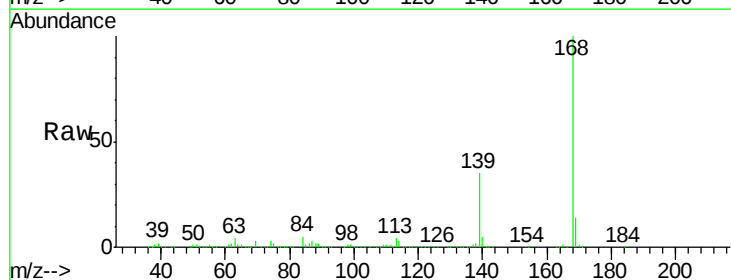
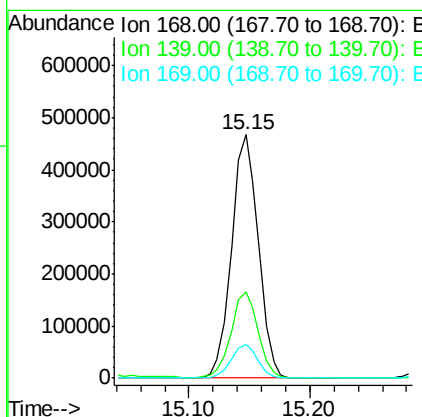
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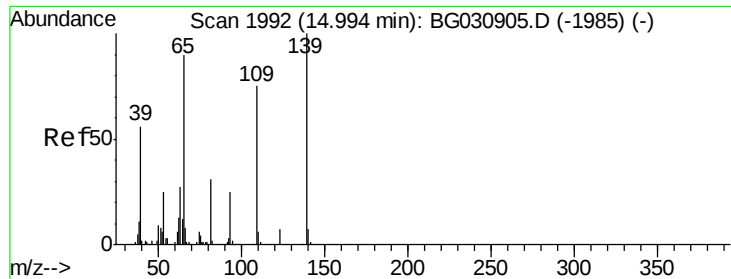
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#54
Dibenzofuran
Concen: 44.42 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.6	43.0
169	14.1	11.2	16.8





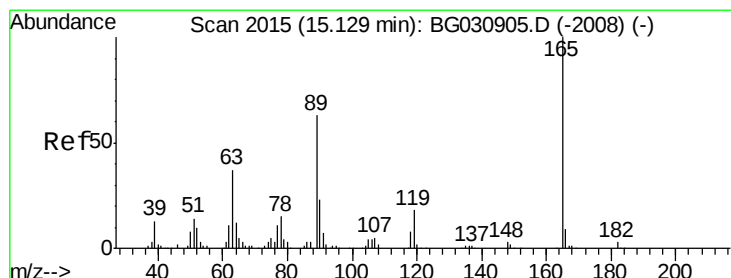
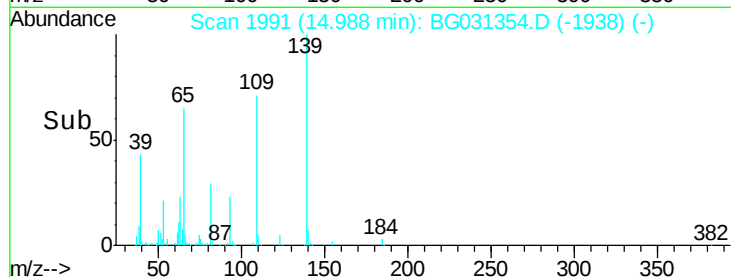
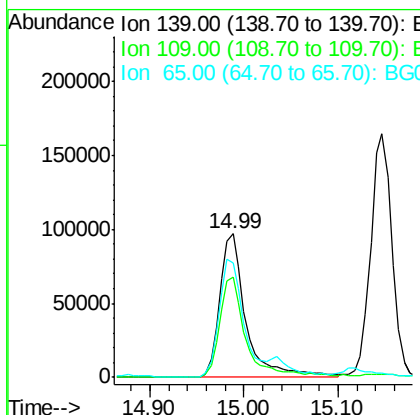
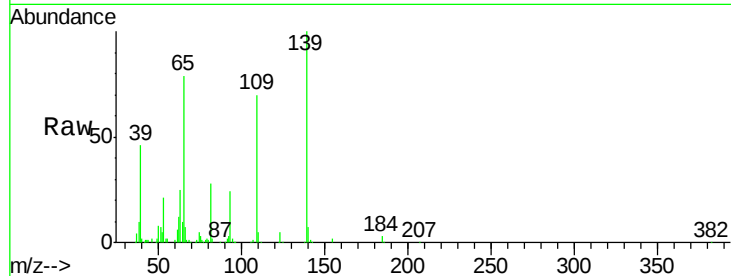
#55
4-Nitrophenol
Concen: 84.41 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	189158		
109	69.9	62.2	102.2	
65	79.4	97.2	137.2	

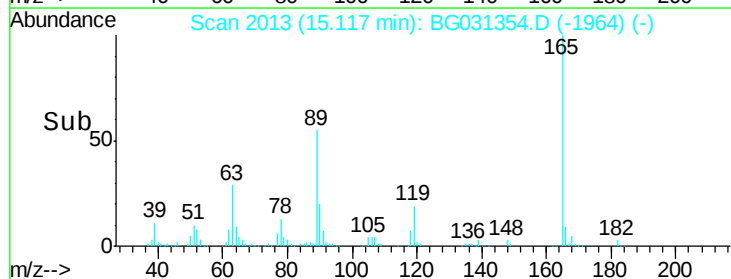
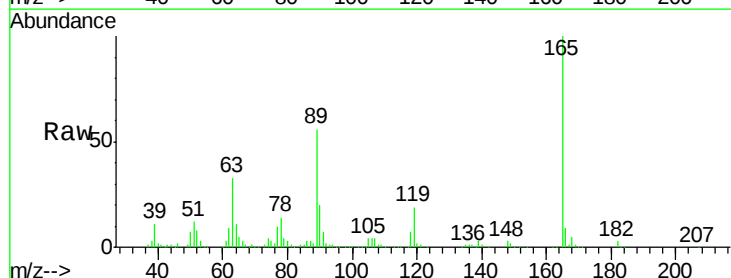
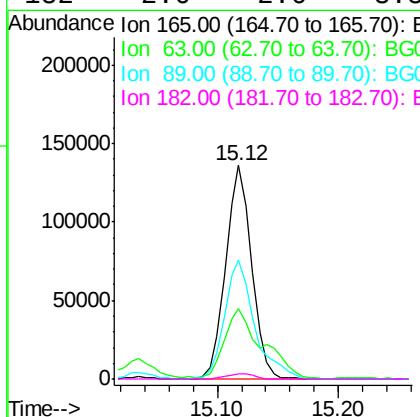
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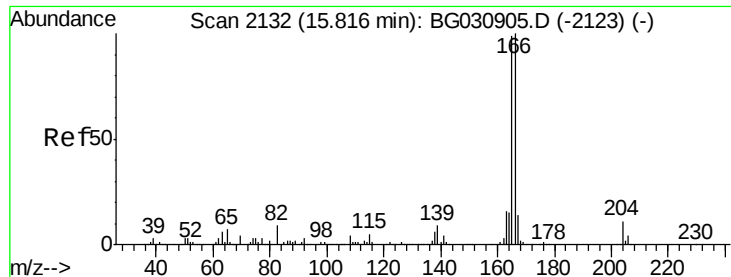
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.20 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202184		
63	33.0	42.0	63.0	
89	55.8	66.9	100.3	
182	2.6	2.6	3.8	





#57

Fluorene

Concen: 43.81 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

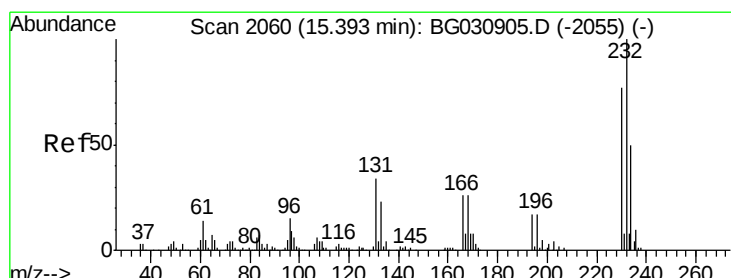
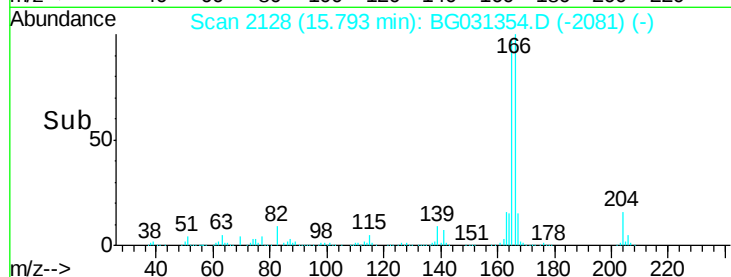
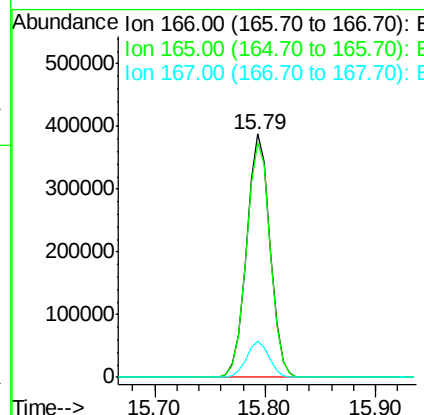
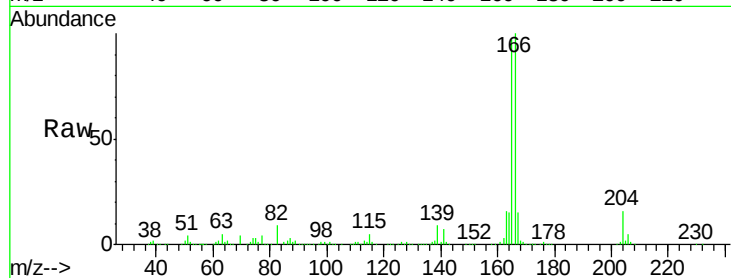
ClientSampleId :

PB104664BS

Tot Ion:	166	Resp:	575995
Ion Ratio		Lower	Upper
166	100		
165	96.6	80.6	121.0
167	14.7	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.93 ng

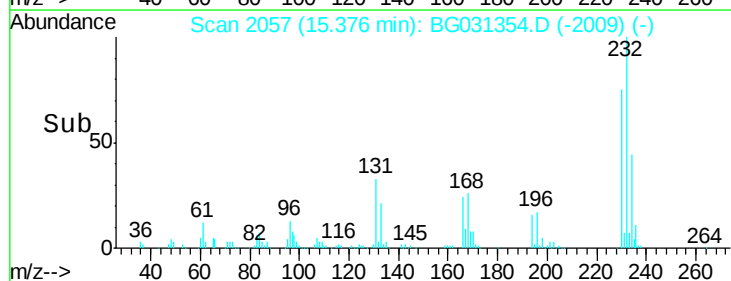
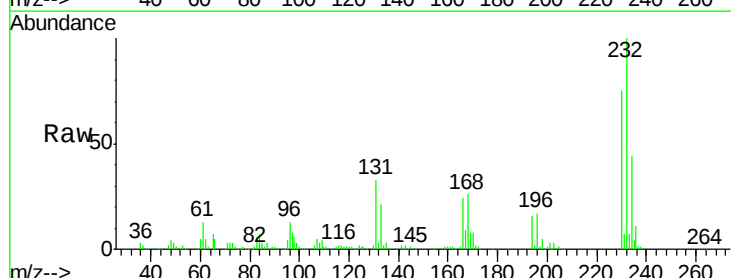
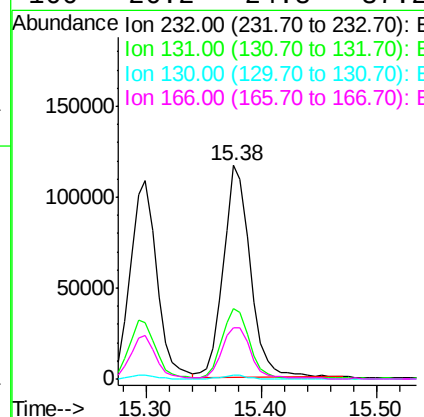
RT: 15.38 min Scan# 2057

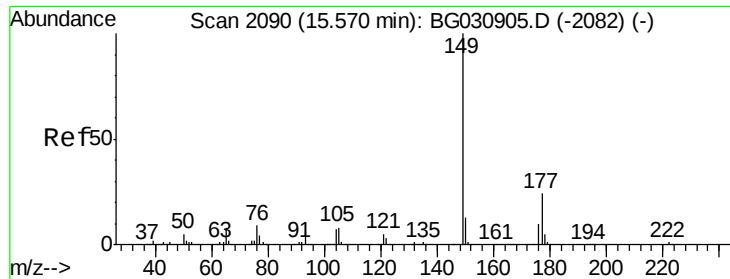
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	232	Resp:	188547
Ion Ratio		Lower	Upper
232	100		
131	33.6	33.5	50.3
130	1.7	2.2	3.2#
166	26.2	24.8	37.2





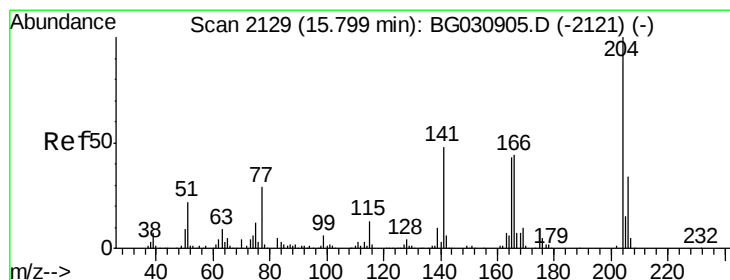
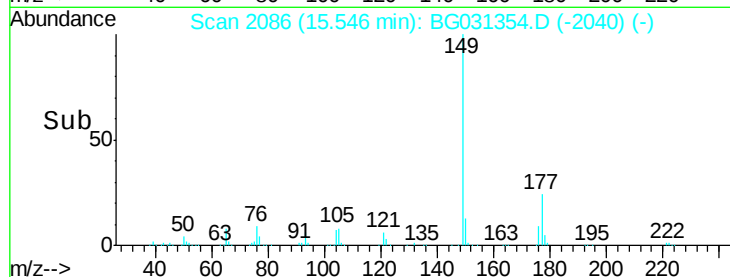
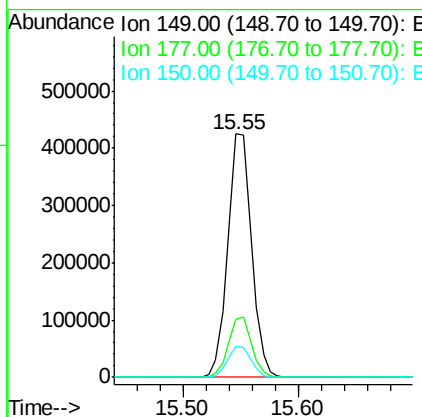
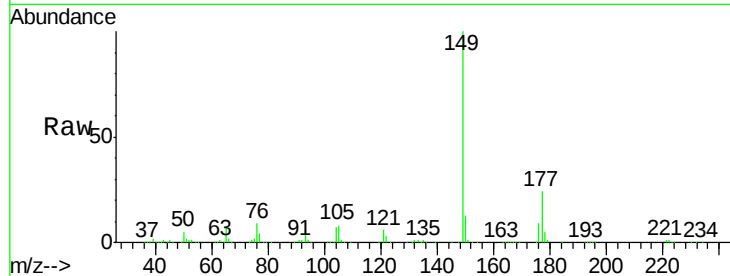
#59
Diethylphthalate
Concen: 41.45 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	12.8	10.2	15.2

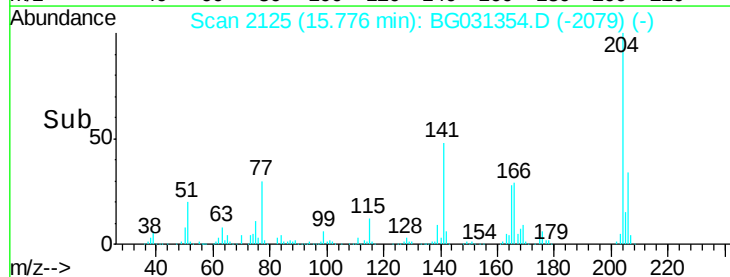
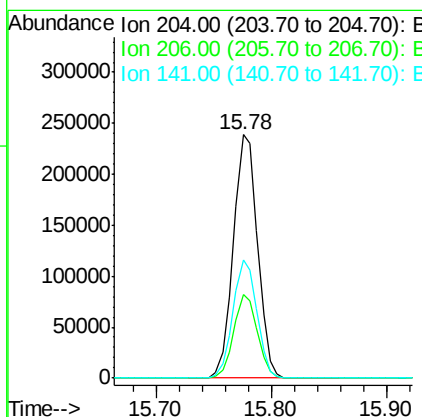
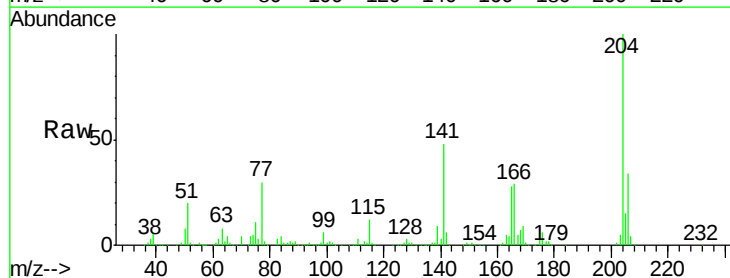
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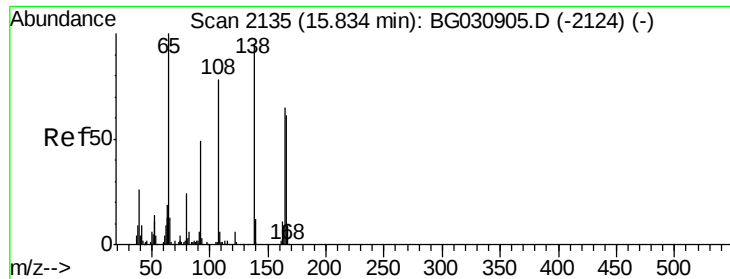
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.54 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	48.5	45.8	68.6





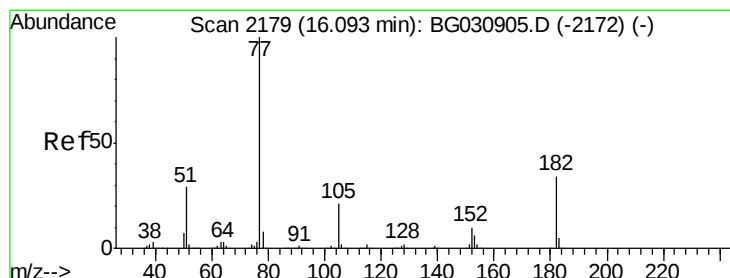
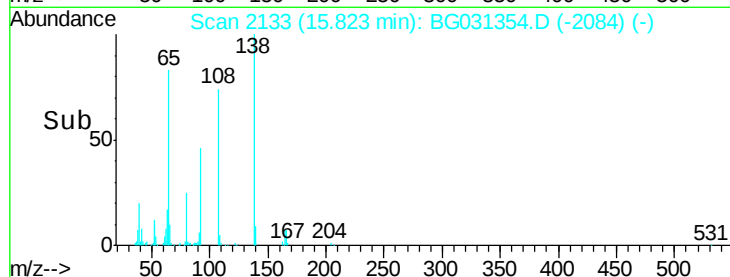
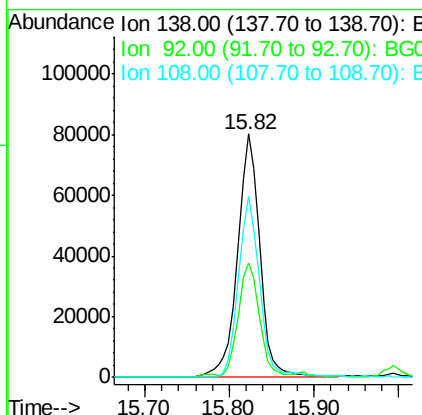
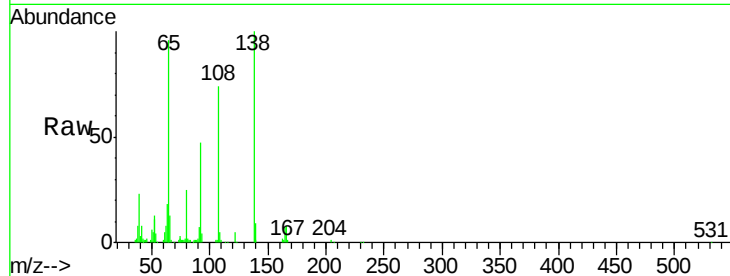
#61
4-Nitroaniline
Concen: 43.96 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	40.1	80.1
108	74.5	65.4	105.4

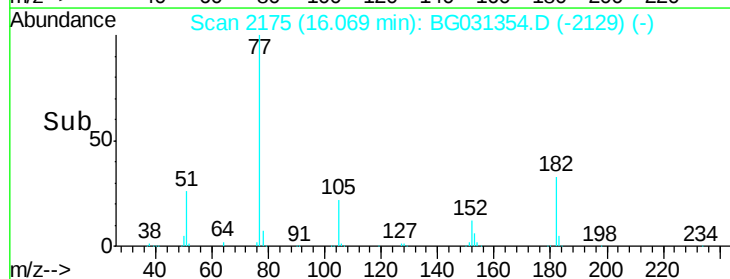
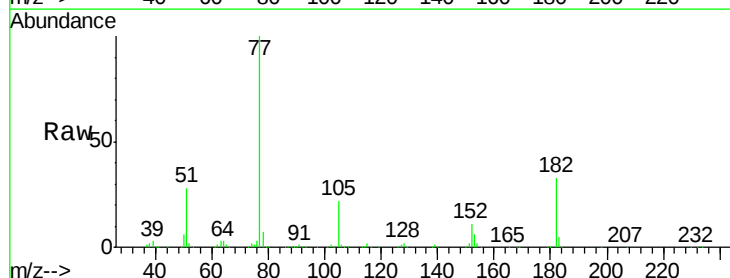
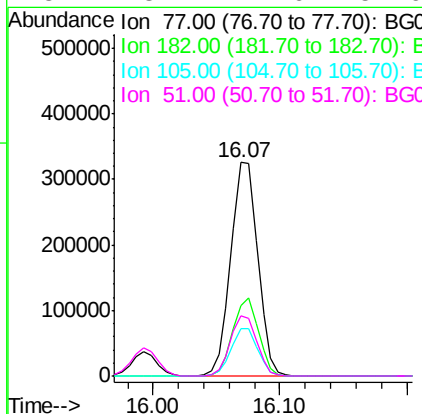
Manual Integrations
APPROVED

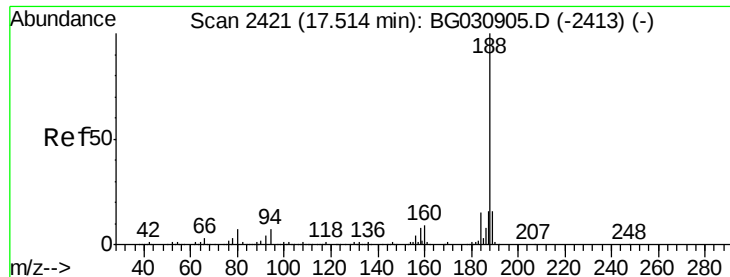
Sohil
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#62
Azobenzene
Concen: 43.01 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.7	7.4	47.4
105	22.1	0.3	40.3
51	28.2	11.6	51.6





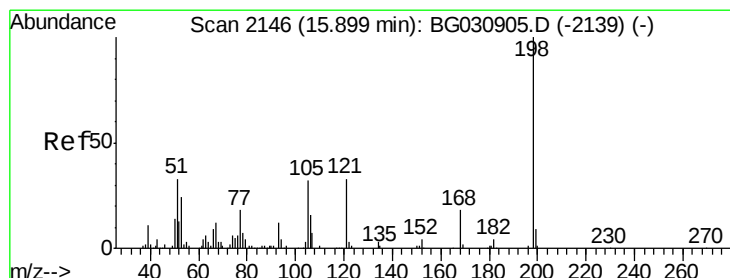
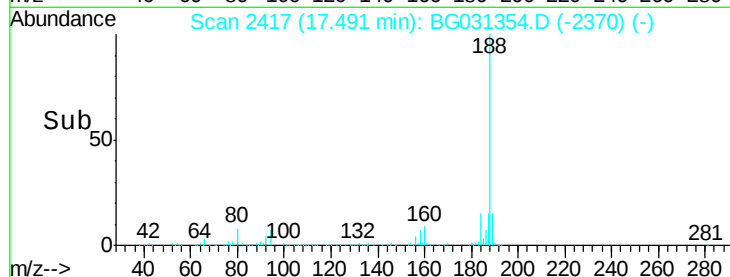
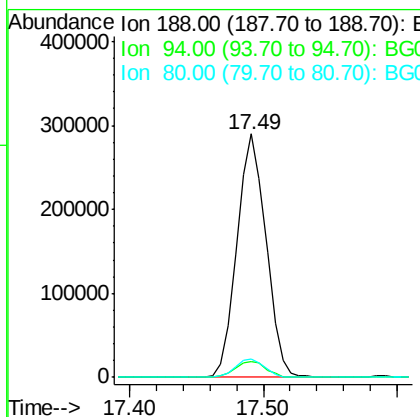
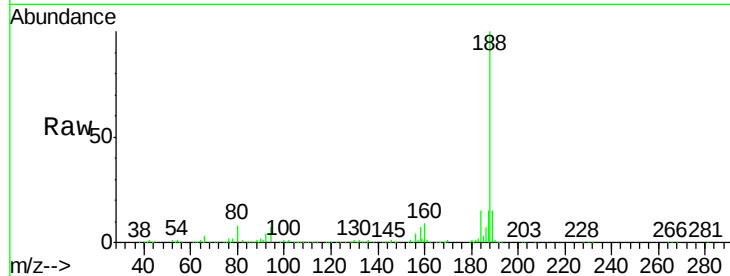
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	437308		
94	6.7		6.9	10.3#
80	7.7		7.7	11.5

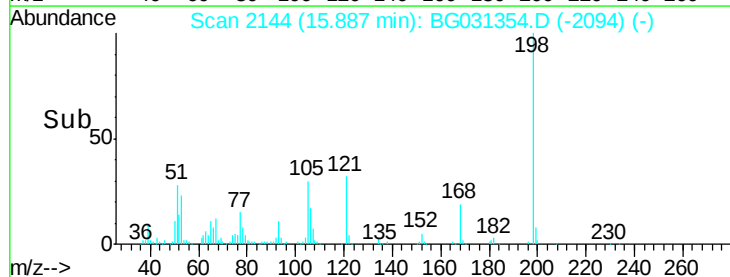
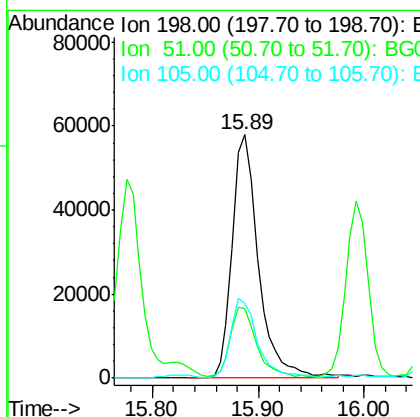
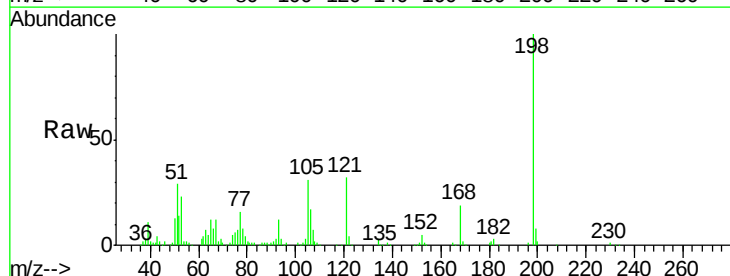
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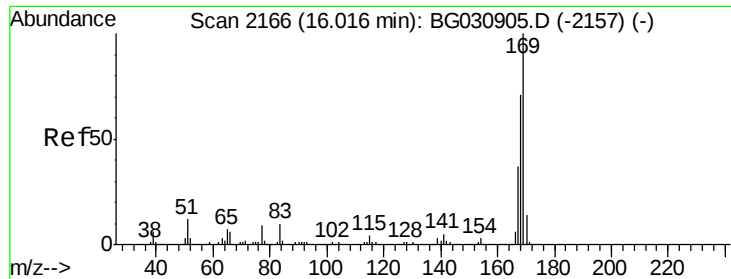
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.48 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	100230		
51	28.7		30.6	70.6#
105	30.8		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.76 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

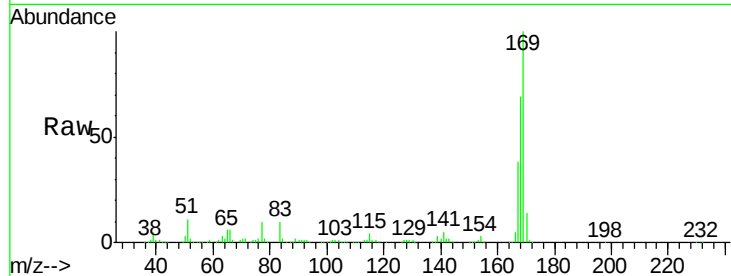
ClientSampleId :

PB104664BS

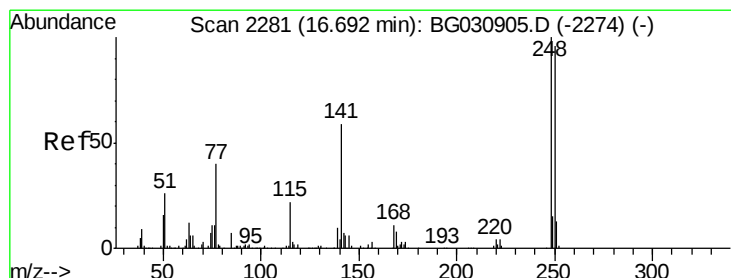
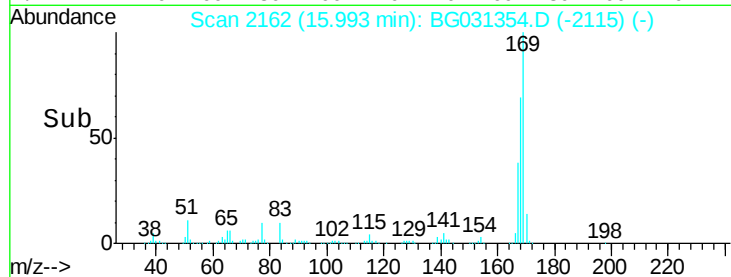
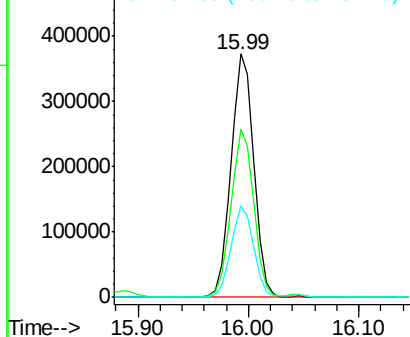
Tot Ion:	169	Resp:	540081
Ion Ratio	Lower	Upper	
169	100		
168	69.0	55.7	83.5
167	37.5	30.1	45.1

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.28 ng

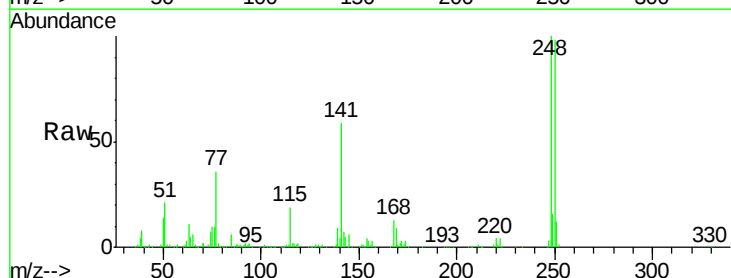
RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

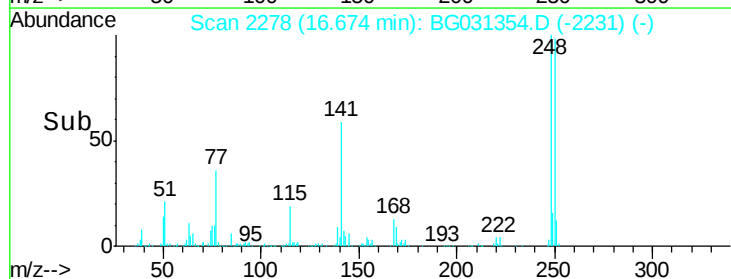
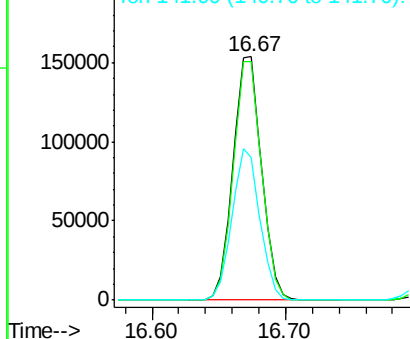
Lab File: BG031354.D

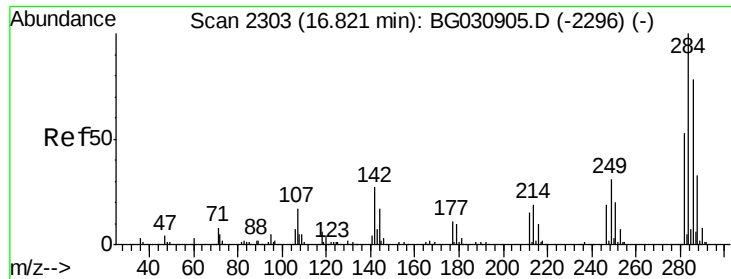
Acq: 4 Dec 2017 19:53

Tgt Ion:	248	Resp:	228658
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.1	115.7
141	58.7	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





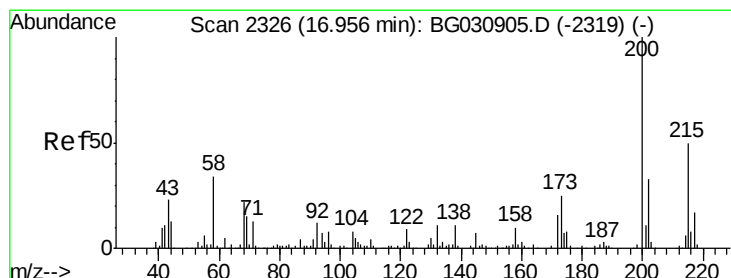
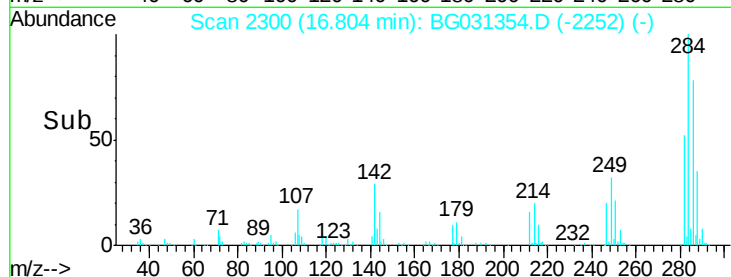
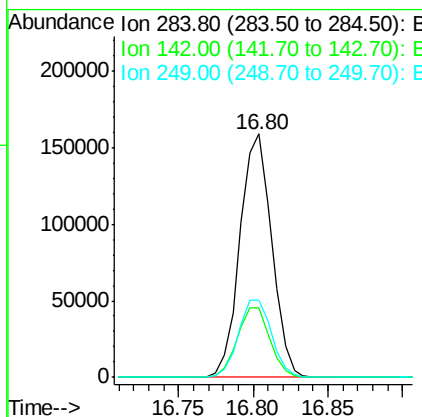
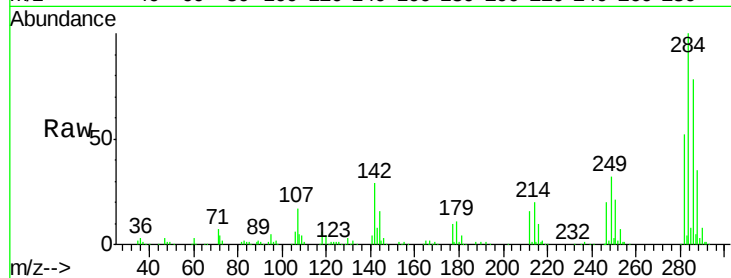
#67
Hexachlorobenzene
Concen: 39.83 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	234424		
142	28.8	26.8	40.2	
249	31.6	26.3	39.5	

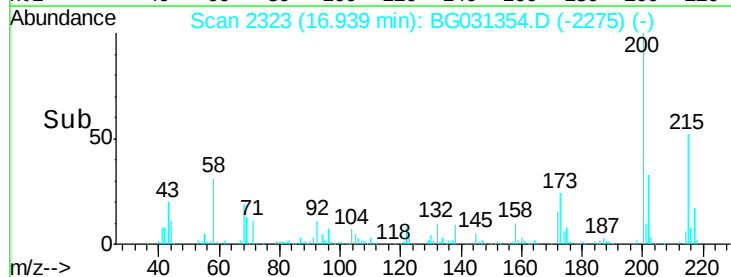
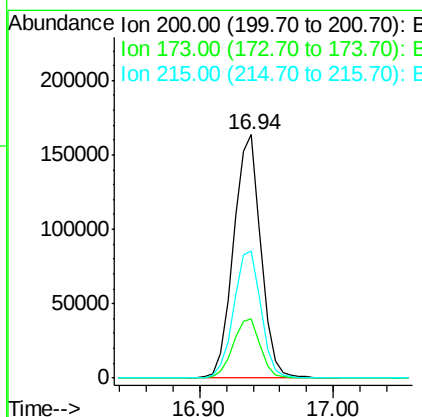
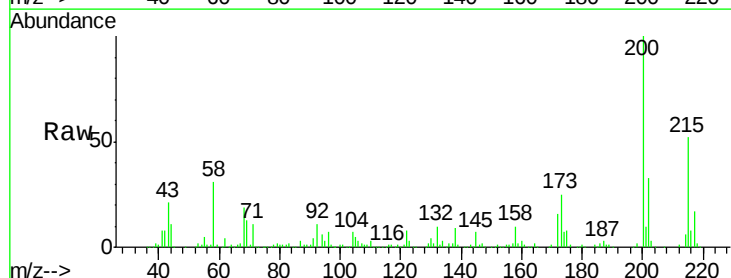
Manual Integrations
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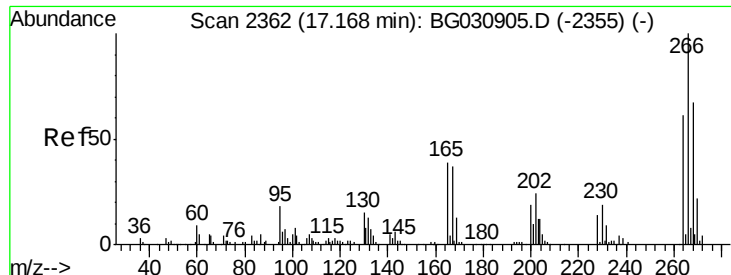
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#68
Atrazine
Concen: 42.58 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232812		
173	24.6	5.2	45.2	
215	52.4	30.4	70.4	





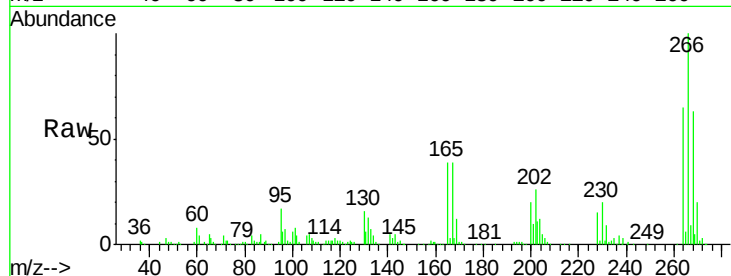
#69
 Pentachlorophenol
 Concen: 67.19 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

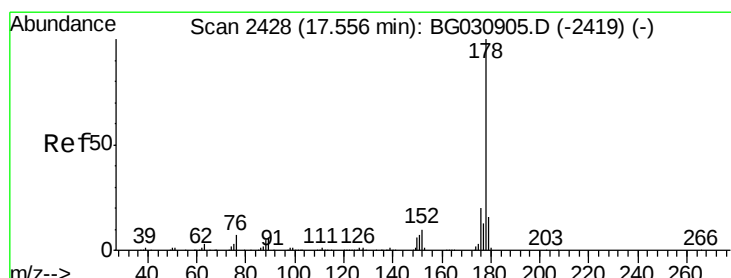
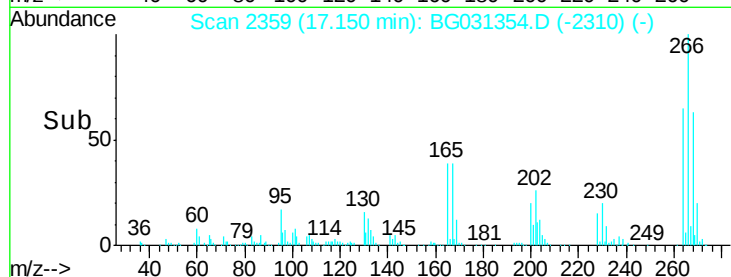
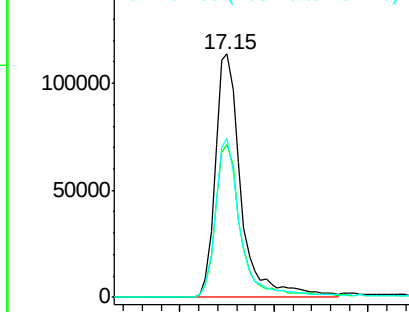
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	65.1	49.6	74.4

Manual Integrations
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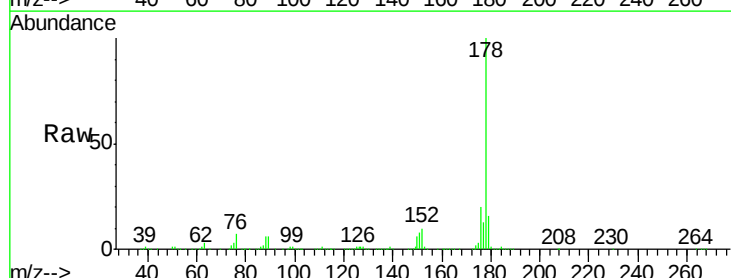


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

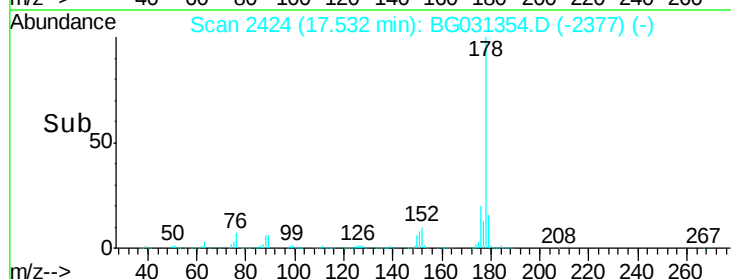
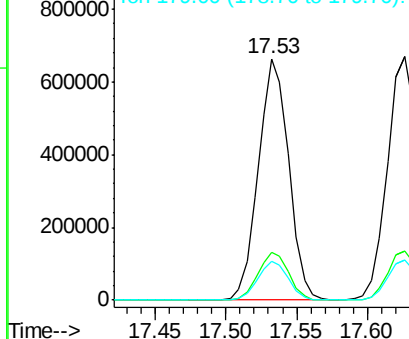


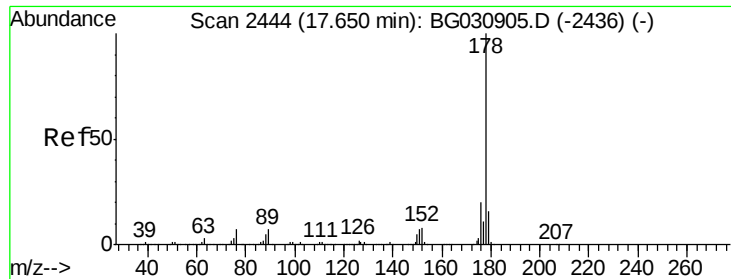
#70
 Phenanthrene
 Concen: 44.22 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





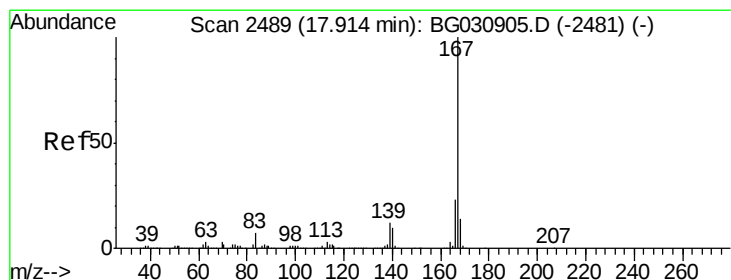
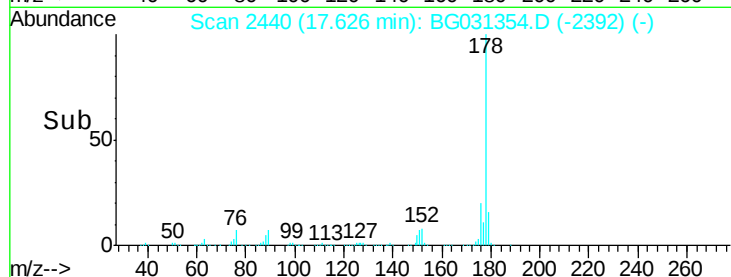
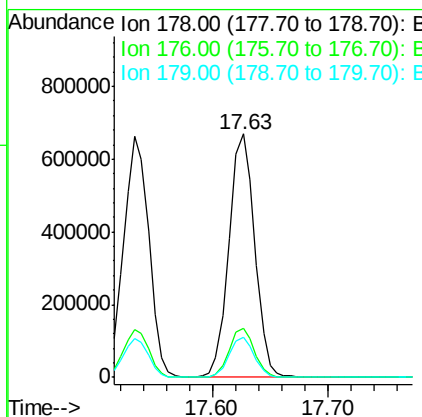
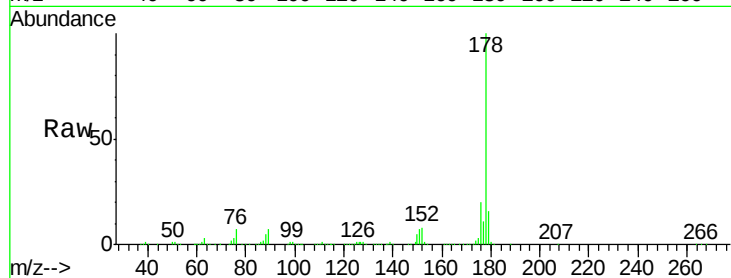
#71
 Anthracene
 Concen: 45.26 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.3	12.5	18.7

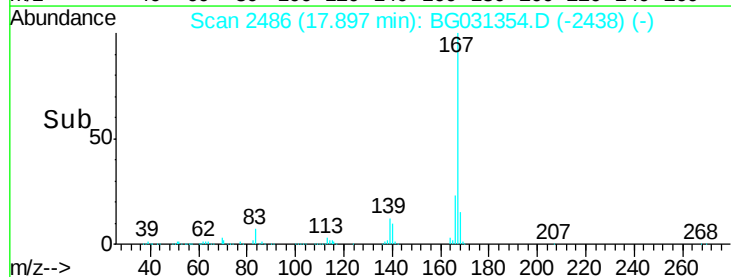
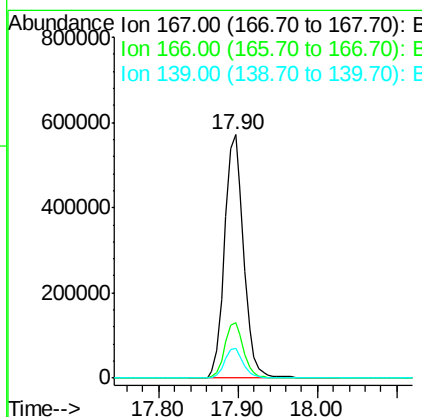
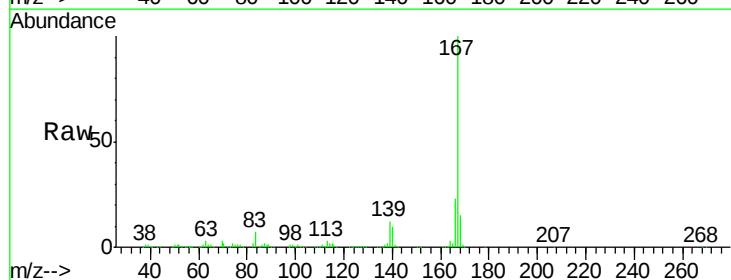
Manual Integrations
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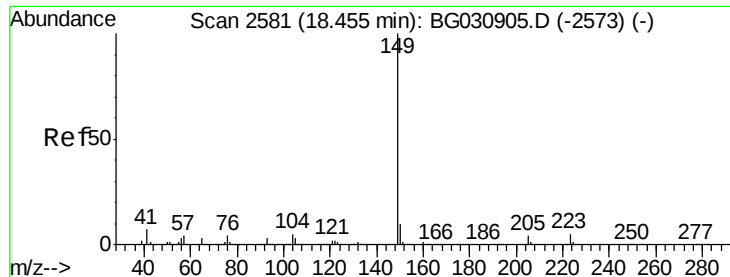
Sohil
 12/5/2017 3:26:45 PM



#72
 Carbazole
 Concen: 44.57 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.4	9.4	14.2





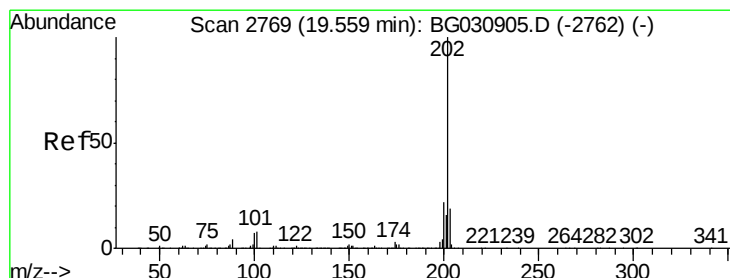
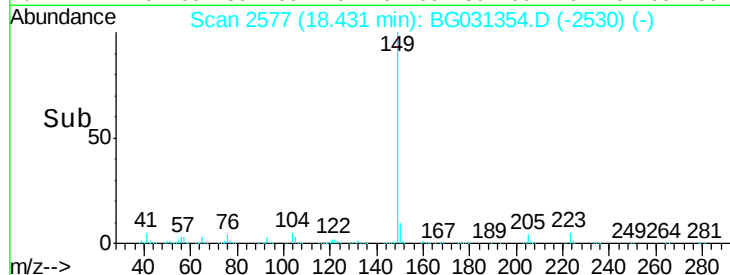
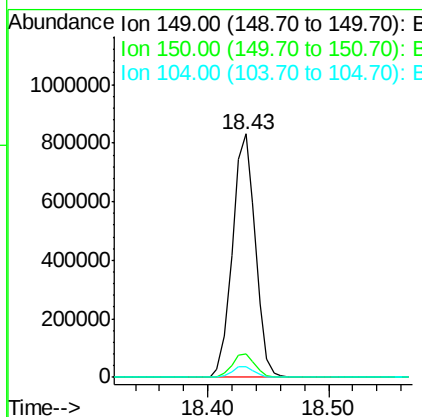
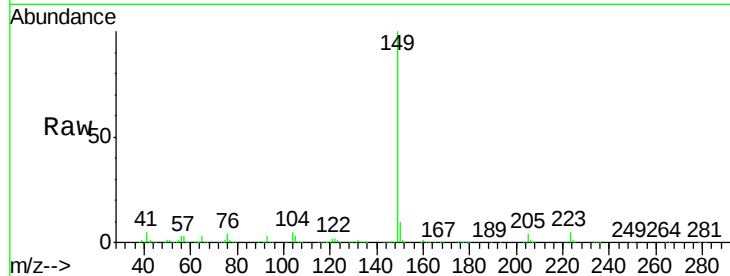
#73
Di-n-butylphthalate
Concen: 41.65 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	4.6	3.9	5.9	

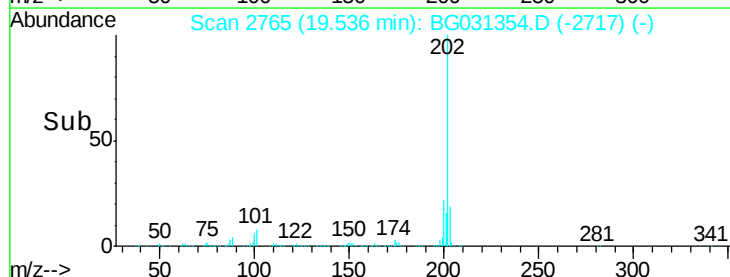
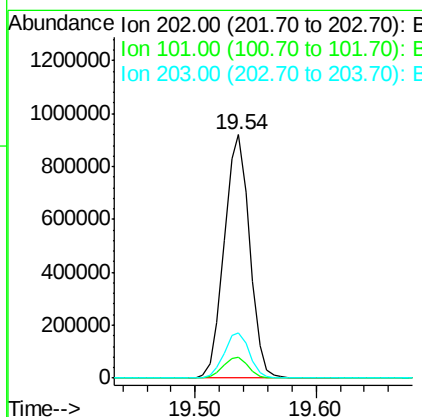
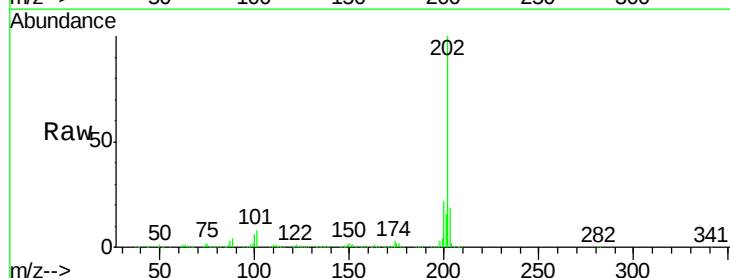
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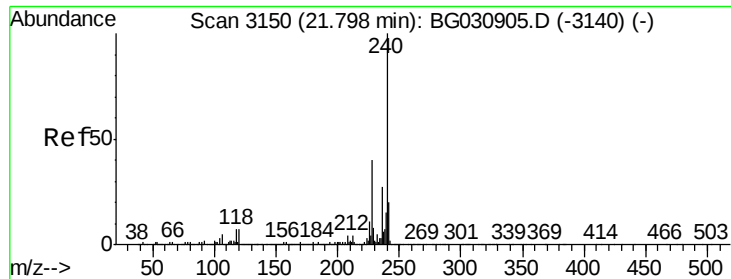
Sohil
12/5/2017 3:26:45 PM



#74
Fluoranthene
Concen: 46.46 ng
RT: 19.54 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	8.4	0.0	28.9	
203	18.6	0.0	37.5	





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

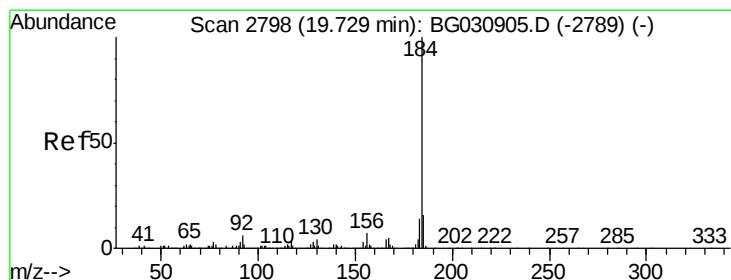
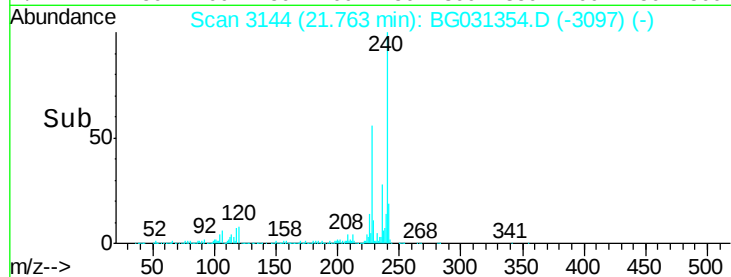
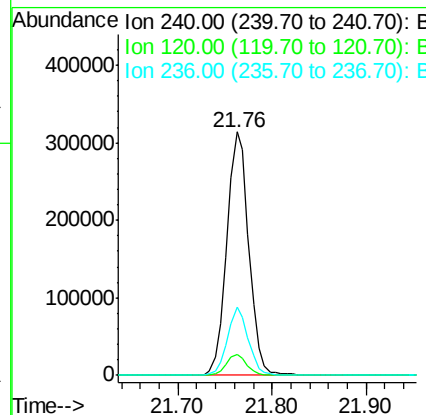
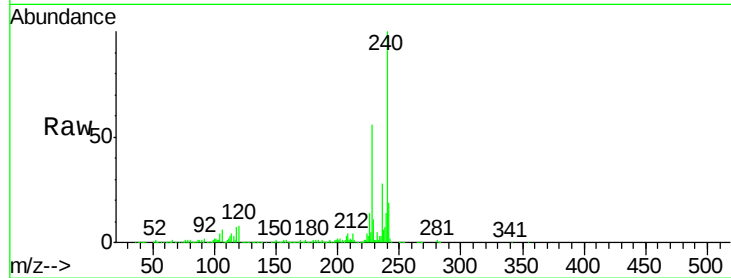
ClientSampleId :

PB104664BS

Tot Ion:	240	Resp:	511315
Ion Ratio		Lower	Upper
240	100		
120	8.5	6.8	10.2
236	28.1	20.9	31.3

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#76

Benzidine

Concen: 23.38 ng

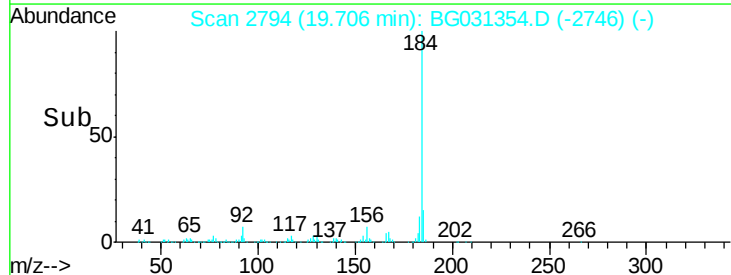
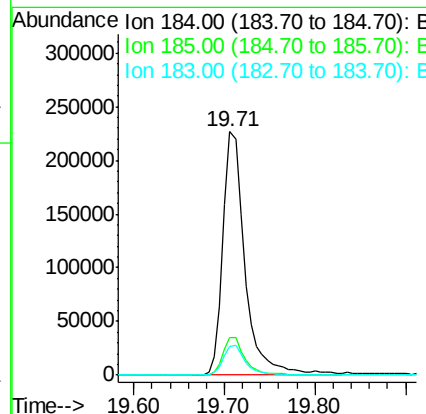
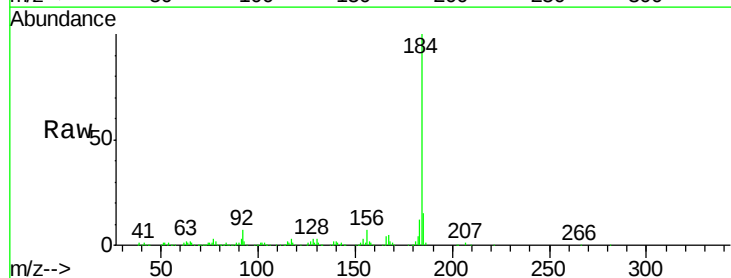
RT: 19.71 min Scan# 2794

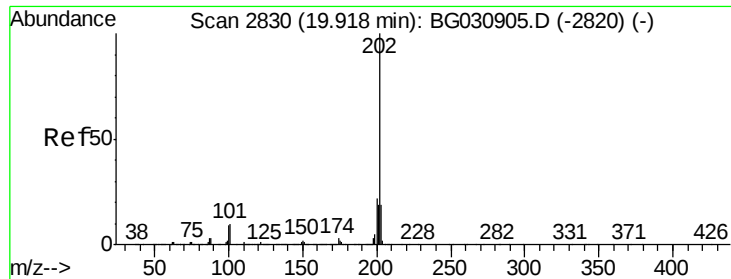
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	184	Resp:	383951
Ion Ratio		Lower	Upper
184	100		
185	15.2	11.1	16.7
183	11.9	10.6	16.0





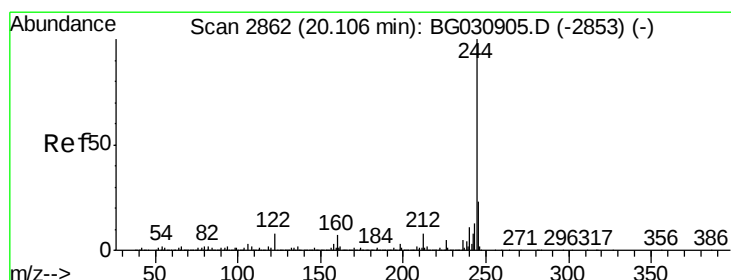
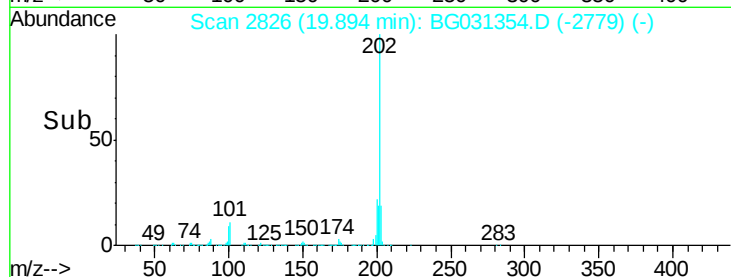
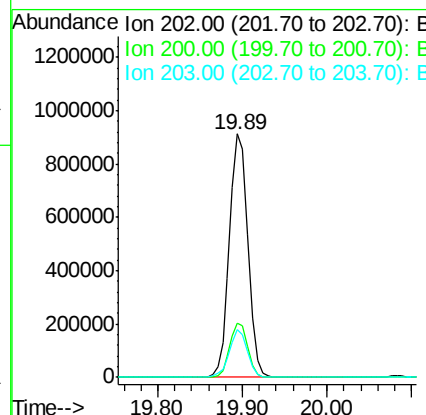
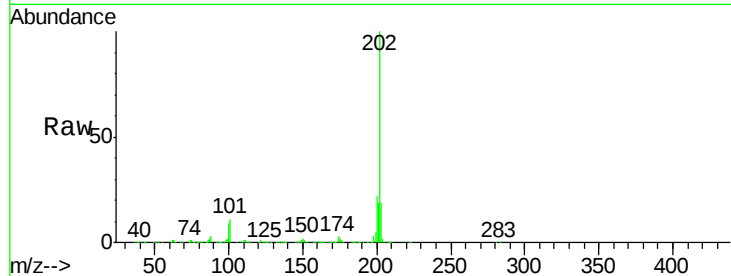
#77
Pvrene
Concen: 45.30 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	19.5	13.9	20.9

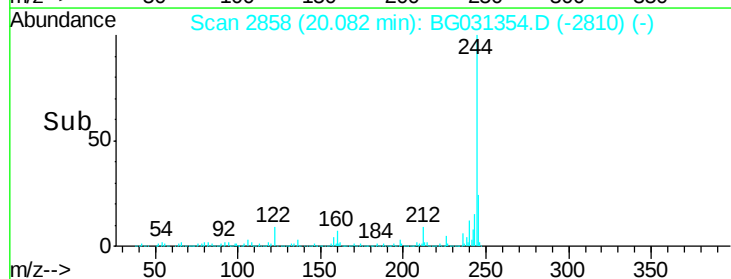
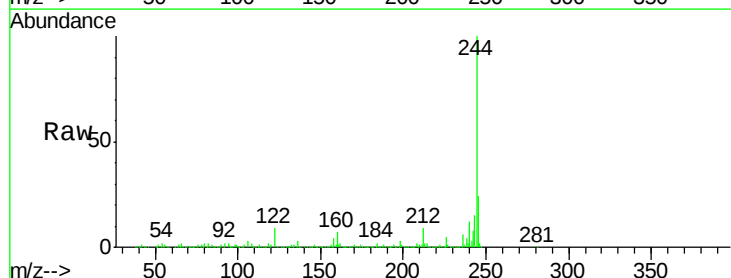
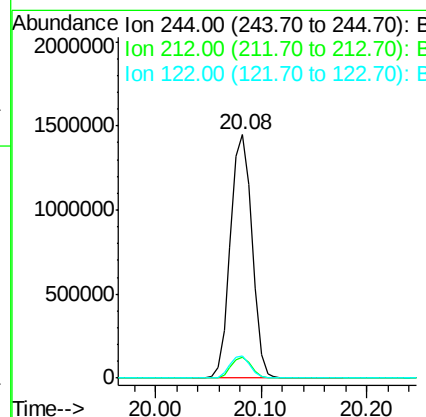
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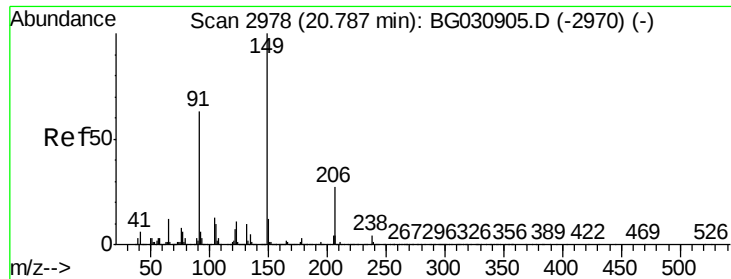
Sohil
12/5/2017 3:26:45 PM



#78
Terphenyl-d14
Concen: 88.19 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.9	7.0	10.4





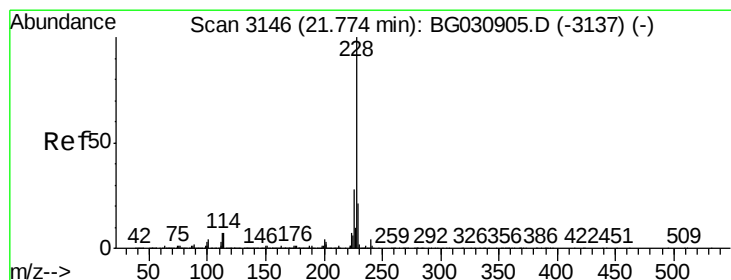
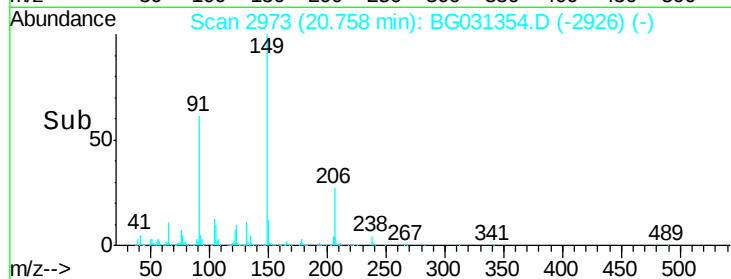
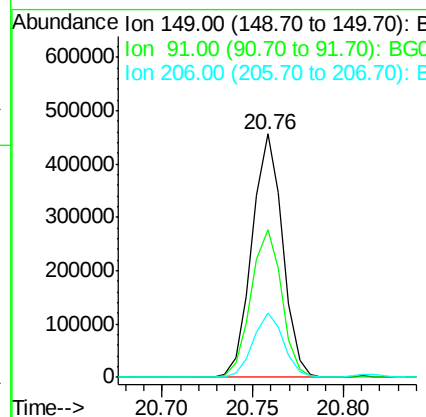
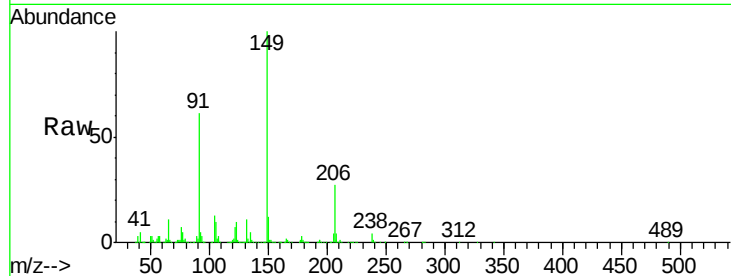
#79
Butylbenzylphthalate
Concen: 44.27 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.8	62.2	93.2#
206	26.6	18.6	27.8

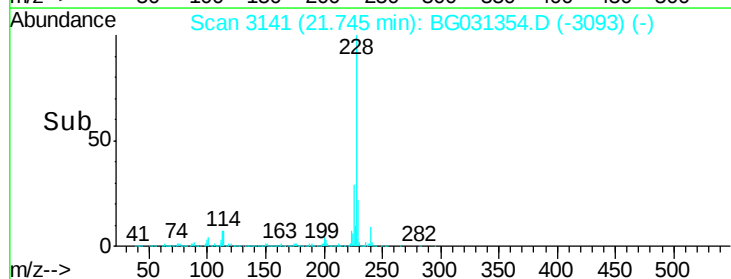
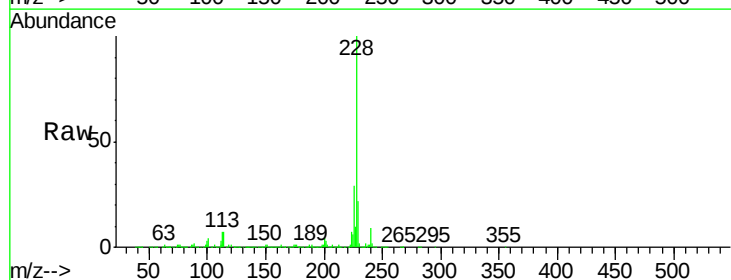
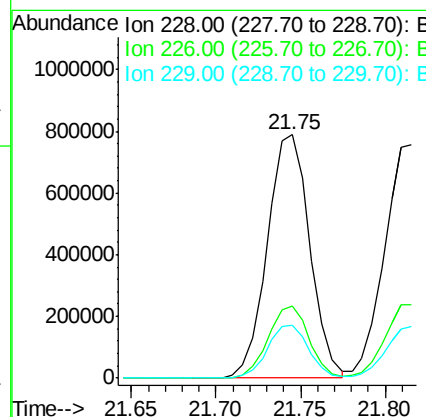
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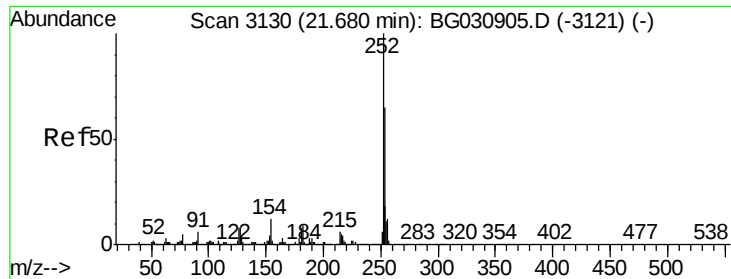
Sohil
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#80
Benzo(a)anthracene
Concen: 43.39 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.9	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 22.62 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

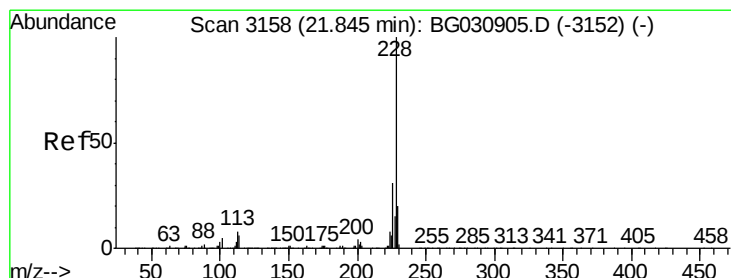
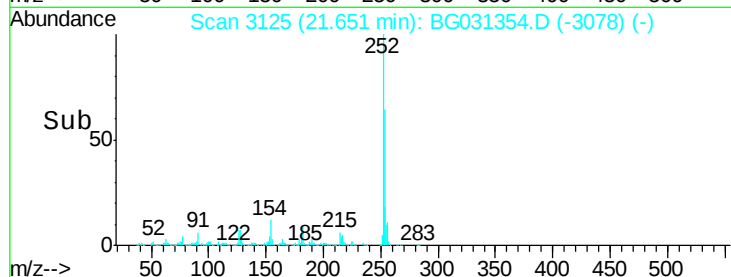
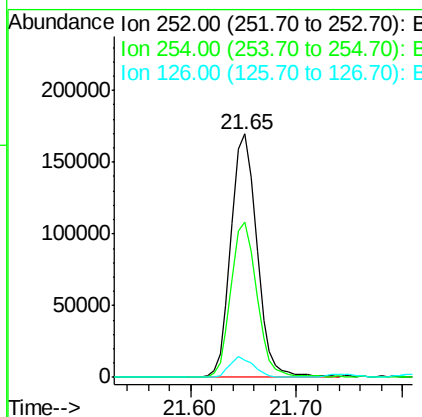
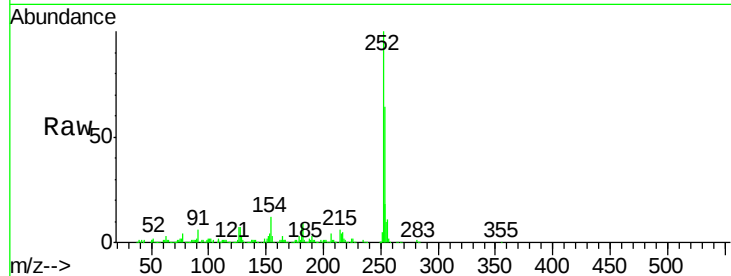
ClientSampleId :

PB104664BS

Tot Ion:	252	Resp:	289960
Ion Ratio		Lower	Upper
252	100		
254	63.8	50.8	76.2
126	7.2	7.4	11.2#

Manual Integrations
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#82

Chrysene

Concen: 44.77 ng

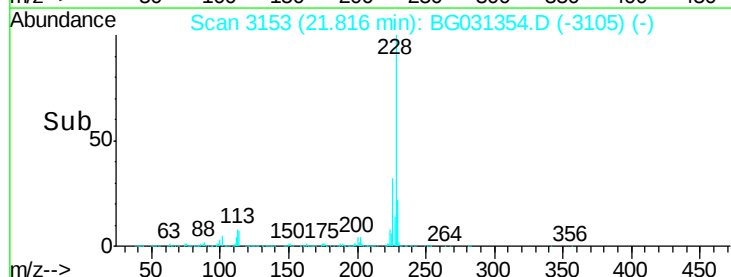
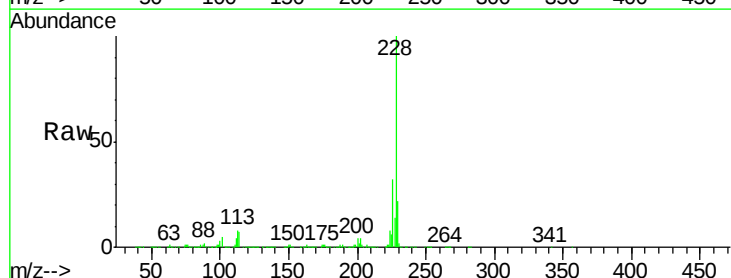
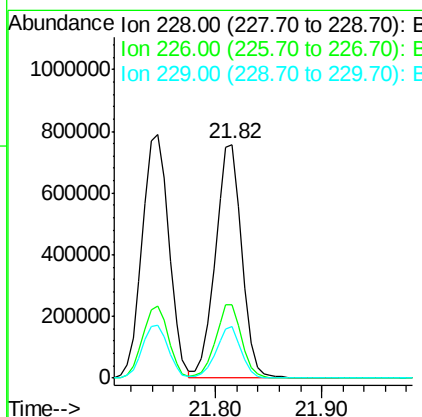
RT: 21.82 min Scan# 3153

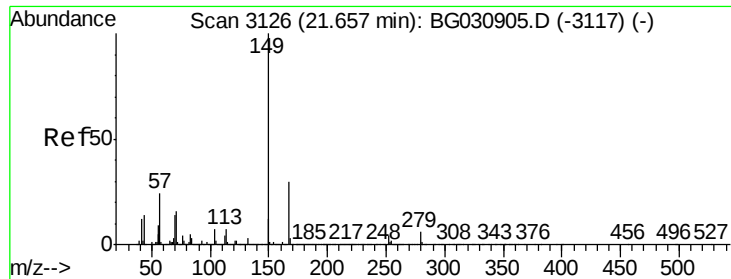
Delta R.T. -0.02 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Tgt Ion:	228	Resp:	1315436
Ion Ratio		Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.9	15.0	22.4





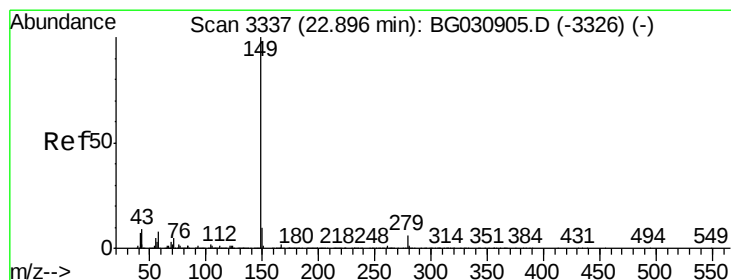
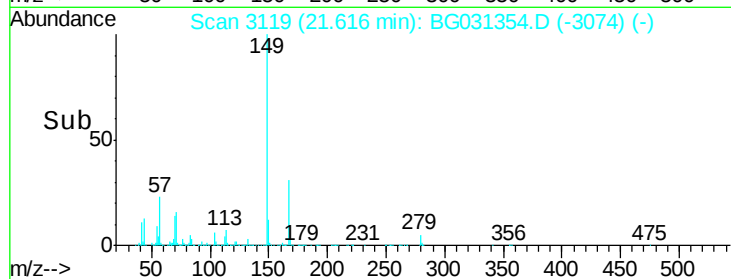
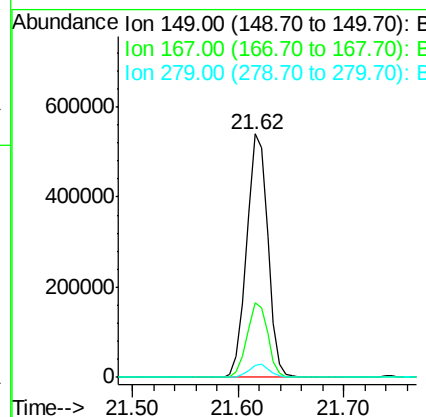
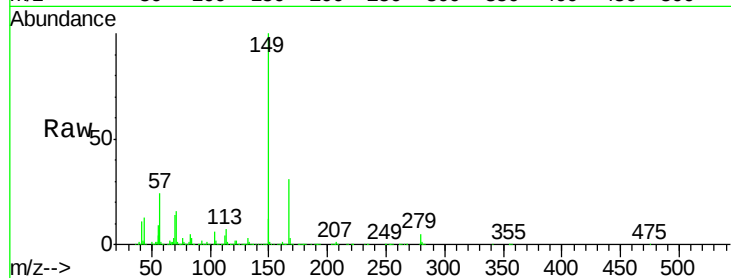
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.63 ng
 RT: 21.62 min Scan# 3119
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.1	4.0	6.0

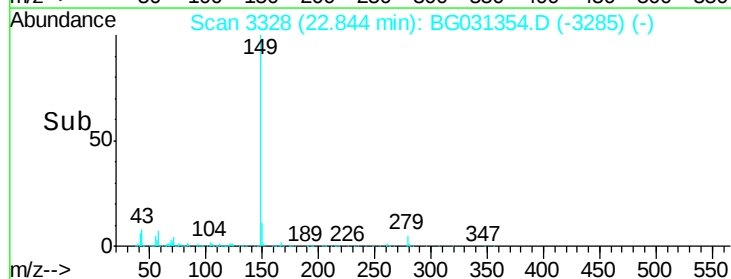
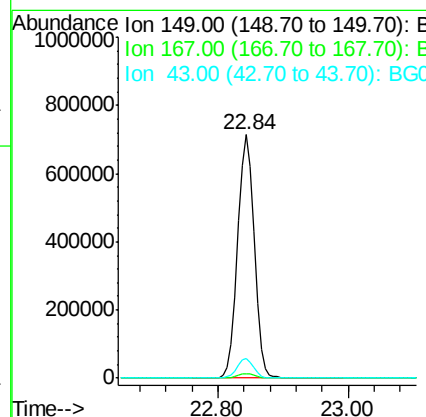
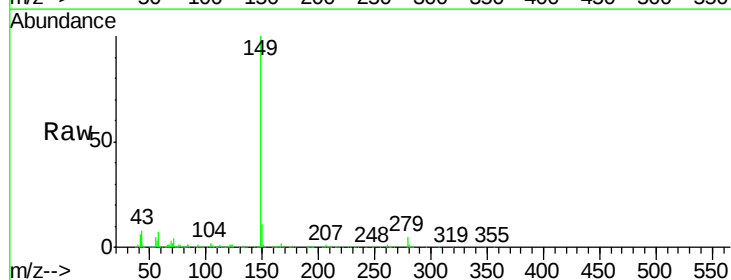
Manual Integrations
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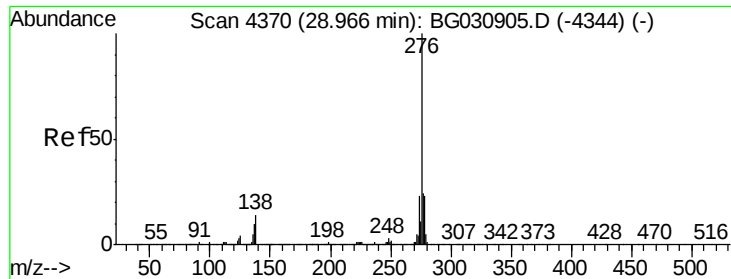
Sohil
 12/5/2017 3:26:45 PM



#84
 Di-n-octyl phthalate
 Concen: 44.66 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.04 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#





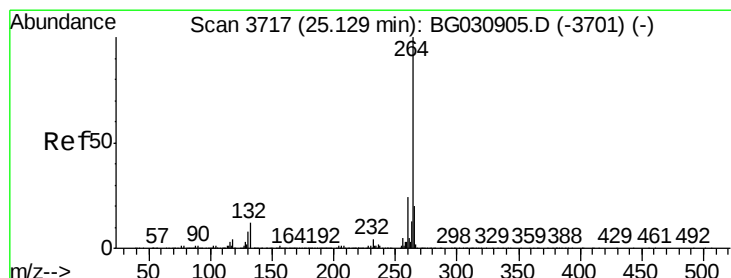
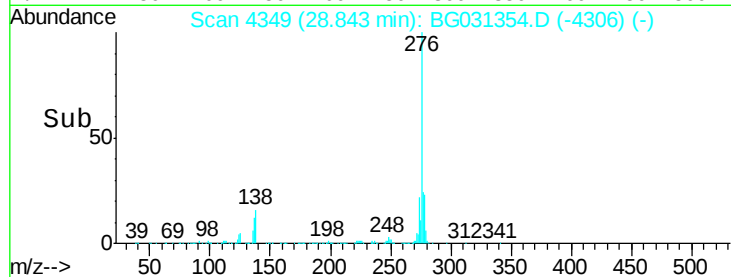
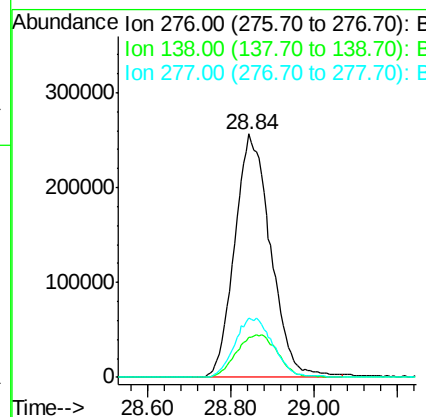
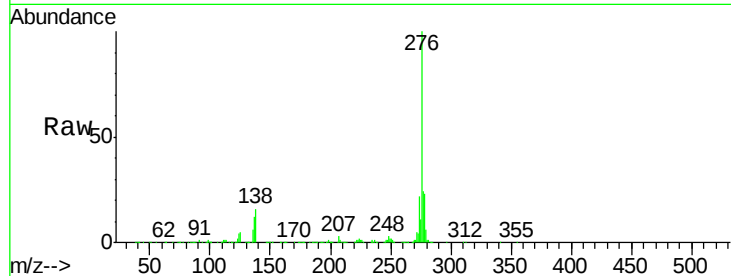
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.11 ng
 RT: 28.84 min Scan# 4349
 Delta R.T. -0.04 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	25.8	20.0	30.0

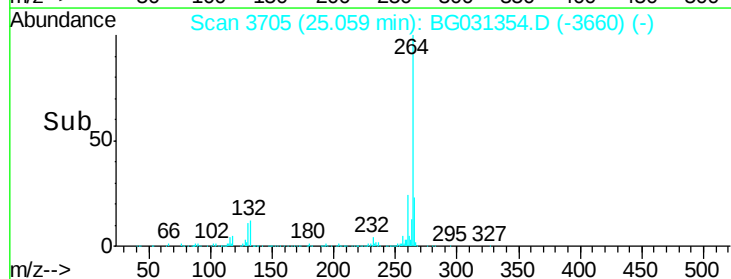
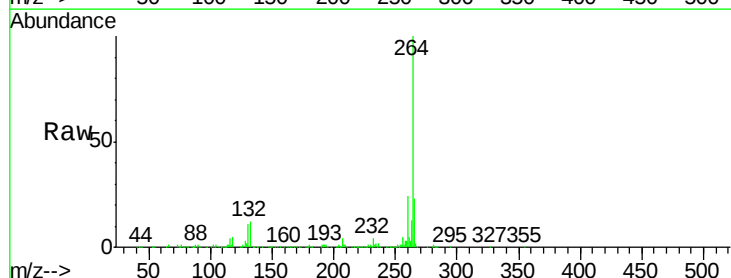
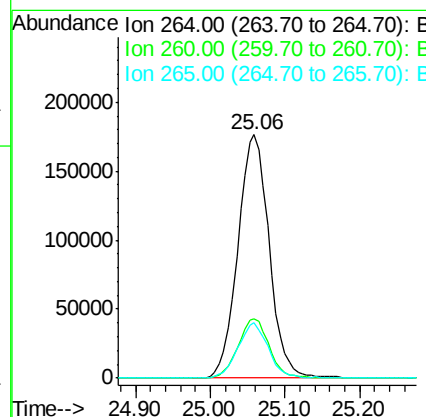
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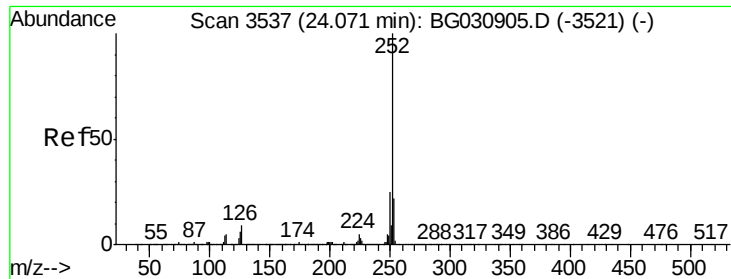
Sohil
 12/5/2017 3:26:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.03 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.48 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

Instrument :

BNA_G

ClientSampleId :

PB104664BS

Tot Ion:252 Resp: 1379482

Ion Ratio Lower Upper

252 100

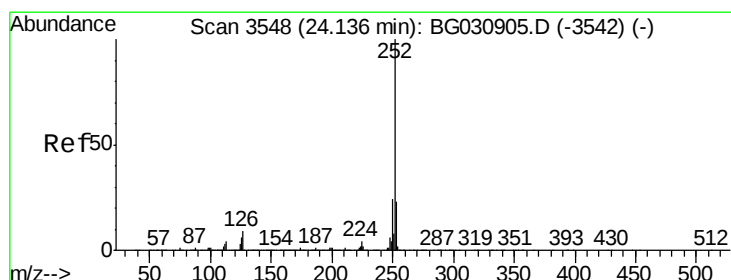
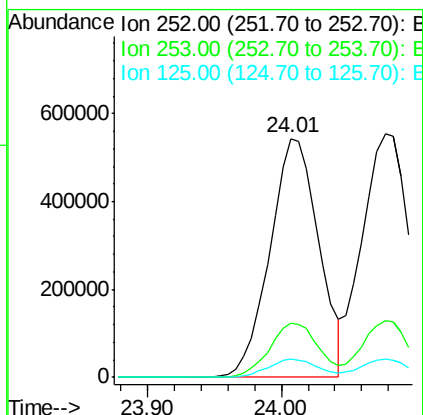
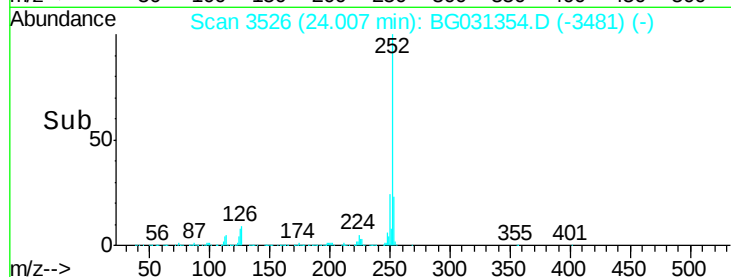
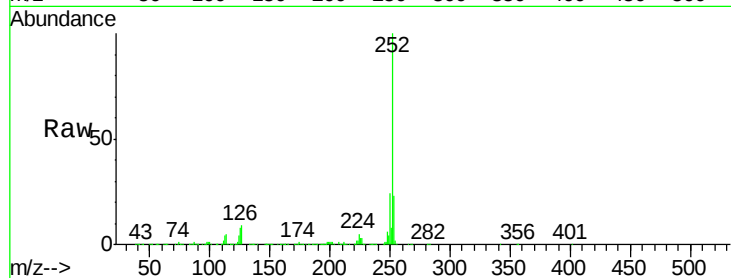
253 22.9 18.2 27.4

125 7.6 7.2 10.8

Manual Integrations
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12/5/2017 3:26:45 PM



#88

Benzo(k)fluoranthene

Concen: 44.62 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.03 min

Lab File: BG031354.D

Acq: 4 Dec 2017 19:53

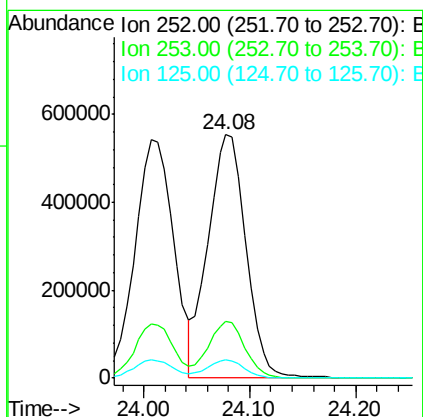
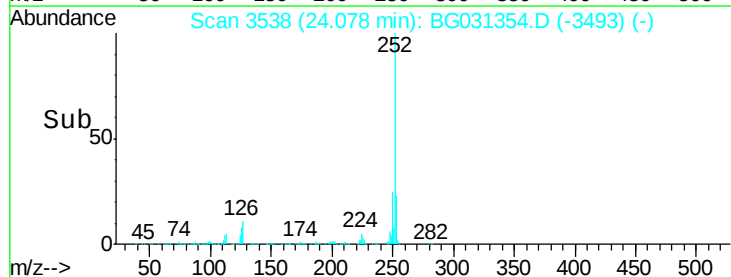
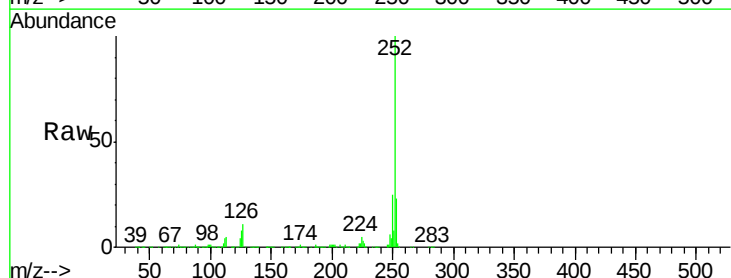
Tgt Ion:252 Resp: 1371446

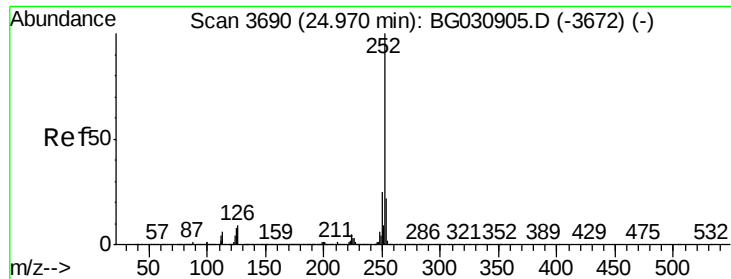
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 7.8 6.6 9.8





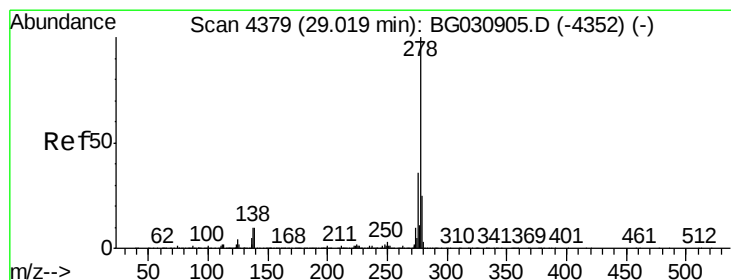
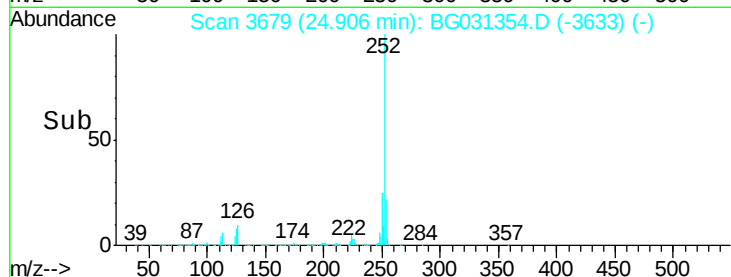
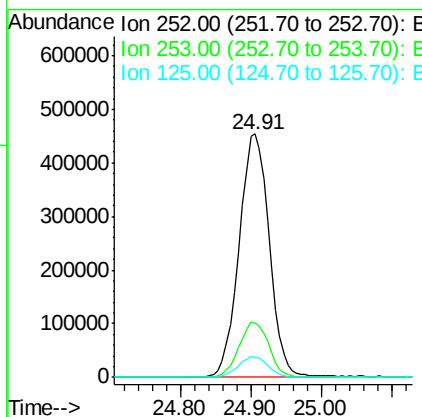
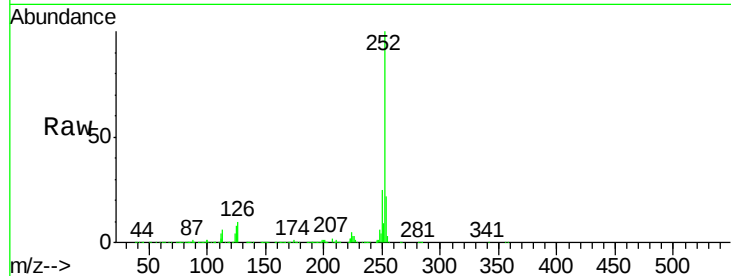
#89
Benzo(a)pyrene
Concen: 45.86 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Instrument :
BNA_G
ClientSampleId :
PB104664BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	8.0	7.3	10.9

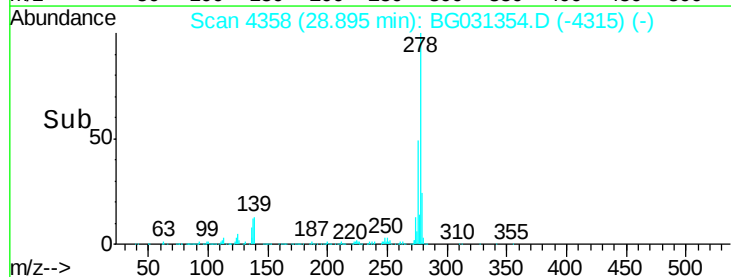
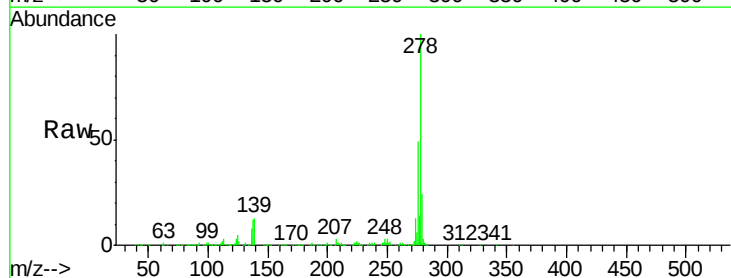
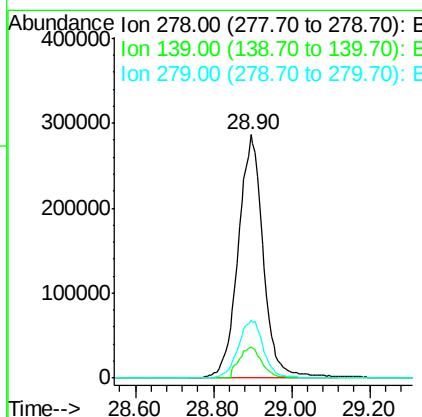
Manual Integrations
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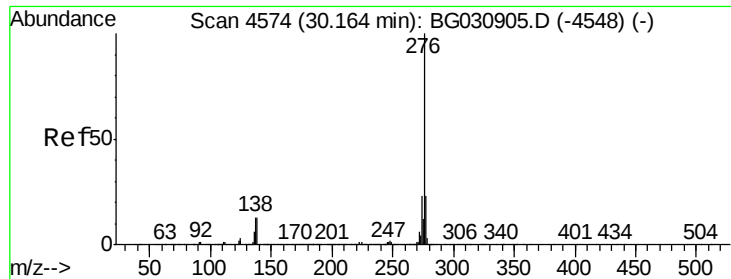
Sohil
12/5/2017 3:26:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.67 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.04 min
Lab File: BG031354.D
Acq: 4 Dec 2017 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.8	14.6
279	24.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.13 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.04 min
 Lab File: BG031354.D
 Acq: 4 Dec 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	16.9	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:45 PM

